

*"And among His signs is the creation
of the heavens and the earth and the
diversity of your tongues and colours.
In that surely are signs for those who
possess knowledge."
(The Holy Quran)*

SANSKRIT TRACED TO ARABIC

BY

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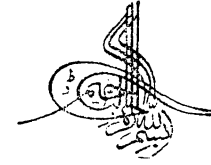
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مُحَمَّدٌ وَنُصَلِّيَ عَلَى رَسُولِهِ الْكَرِيمِ

الحمد لله الرب الرحمن ، ذى المجد والفضل والاحسان ، خلق الانسان ، علمه البيان ، ثم جعل من لسان واحدة ألسنة فى البلدان ، كما جعل من لون واحد انواع الالوان . و جعل العربية أما لكل لسان ، وجعلها كالشمس بالضوء واللمعان . هو الذى نطق بحمده الثقلان ، وأقر بربوبيته الانس والجان ، تسجد له الارواح والابدان ، والقلب واللسان بحمدان . سبحان ربنا رب ما يوجد و يكون وكان ، يفعل ما يشاء وكل يوم هو فى شأن . (من الرحمان صفحة ٣)

January, 1982

“All praise is due to Allah, the Sustainer, the Beneficent. To Him belongs all Excellence, Grace and Goodness. He created man and taught him a plain language. And out of one language He created various languages in different countries just as He created various colours out of one colour. And He made Arabic the mother of all languages. He made it the like of the sun in brightness and lustre. He it is Who is praised by men and the Jinn who testify to His being the Sustainer. The souls and the bodies prostrate before Him and the hearts and tongues remain engaged in praising Him. Our God is Holy. He is the Lord of the present, the future and the past. He acts as He pleases and every day He is engaged in an Act.”

(Minanur Rahman P. 20)

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Preface

The title of the book "SANSKRIT TRACED TO ARABIC", may seem to be a surprising assertion. But like so many other discoveries truth may be wonderful as well as scientific. And this is a case in point.

The reader may note that numerous Arabic roots exist in other languages without the least change. But then there were other roots which underwent metamorphic changes, distortions and mutilations which have to be removed by means of definite phonetic laws discussed in this book. Therefore, the reader is requested to study the book minutely, carefully and with an open mind. In particular, Sanskrit is a very difficult language and requires more patient study than other languages.

I had to go through the intricacies of Sanskrit for many years. The process of removing the affixes the sound-changes and metaphors, analysing the homonyms and arriving at correct roots and then arranging them into numerous uniform categories was a task, long and arduous but pleasant and fruitful. The reader will see that every root given in this treatise conforms to one of the ten formulas. And I say in all humility that the systematic way in which the Arabic roots are redeemed from other languages by means of these formulas is purely scientific and mathematical.

For a further discussion of the subject that Arabic is the mother of all languages the reader is referred to the author's books.

Arabic, the source of all languages, Edition 1963.

or

English traced to Arabic, Edition 1957.

"Arabic, the source of All Languages" was well-received. The esteemed paper Pakistan Times of Lahore dated 28th March, 1965 reviewed the book chapter by chapter and made the following significant observations :

"The formulas evolved by the author are invariably and sufficiently illustrated by telling examples. The book

forms fascinating reading providing surprises at every page. A considerably long period of intensive study of the major languages and philological treatises has gone in the compilation of the book. *It turns a seemingly impossible task into an easy mathematical one.*"

"The book is at once a *fulfilment and a challenge*. One wishes the Islamic Research Institute, Karachi, the compilers of the Urdu Encyclopaedia of Islam, and the Oriental College Lahore, to pick up the thread and weave the entire web."

The esteemed journal SAHIFA of April, 1970 reviewed the book "English Traced To Arabic" in all essential details and came to the conclusion :

"The book under review is the result of the author's hard-work extending over 20 years. In this book the author has elucidated a correct theory regarding the first source of the languages of the world. The controversy about the ultimate origin of languages should now come to an end".

Recently, a very lucid and elaborate article captioned ARABIC THE MOTHER LANGUAGE was published in the Pakistan Times of 5th December 1980. It examined the author's research work minutely and critically and ended on the note "the discovery of M. A. Mazhar has the same status in the annals of philology as the earlier discoveries of William Jones and Maxmuller."

The book "Arabic, the Source of All The Languages" has been reprinted in 1972 by the well-known Firm named KRUS REPRINT, a division of KRAUS THOMSON ORGANIZATION LTD., Nendelin/Liechteneustein, printed in Germany, Lessingdruckerei Wiesbaden.

Herein I have reproduced the ten formulas given in the said books. If I had sufficient time at my disposal I should have added explanatory notes to many entries. As it is, I have left the matter to the sound judgement of the reader.

Sanskrit is a rather complex language, full of metaphors, allegories, transferred epithets, riddle of homonyms, poetic and philosophic words, and many other complications, so that one has to dig very deep to reach the root word. Therefore, it

is not unlikely that I may have made a few mistakes. But it is true beyond a shadow of doubt that Sanskrit is clearly and cogently traceable to Arabic. And I humbly think that this research, based as it is on scientific formulas, may fulfil the hope and requirement of the eminent linguist Mario Pai who says "It is even possible that one day the dream of some linguists will come true, and all languages be proved to have a common origin." (Language by Mario Pai, 1952 edition P. 31)

This book is mostly based on Sanskrit—English Dictionary by Arthur A. Macdonnell Edition 1893. It contains substantially all that Sanskrit can offer.

Having to work single-handed all through these long years and considering the difficulties of the subject and my own limitations, I crave the indulgence of the reader if he finds any mistakes. Any suggestions or corrections will be gratefully received. Far be it from me to claim any authoritativeness. At best this is but a humble effort.

FAISALABAD
1—6—81

Mohammad Ahmad Mazhar
Advocate Lahore High Court

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مَجْدُهُ وَصَلَّى عَلَى رَسُولِهِ الْكَرِيمِ

PART I

Monogenesis Theory of Languages

After centuries of long and patient research eminent philologists have arrived at the following conclusions :

1. The Onomatopoeic Theory, The Interjection Theory and the Kindred Theories are baseless conjectures. Language is God-given and not man-made.
2. Sanskrit is not the mother of Aryan languages. Sanskrit, Greek and Latin are the daughters of a prehistoric language.
3. All the languages of the world emanated from one language conveniently called a prehistoric language, which may be discovered as knowledge grows from more to more. In this respect the following quotations are noteworthy :
 - (a) "If you wish to assert that language had various beginnings, you must prove it impossible that language could have a common origin. No such impossibility has ever been established with regard to a common origin of Aryan and Semitic dialects." (Science of Language Vol I, P. 369)
 - (b) "The Semitic family may originally have been a part of Indo-European family but this contention has not been incontestably proved." (Eric Partridge on Language P. 7)
 - (c) "Perennially the question comes up, if there was original unity among such widely diversified tongues as English, Russian, Greek, Armenian, and Hindustani, what is there to belie the possibility that at a much remoter epoch all of the world's languages may have sprung from one common stock. May not the Biblical account of Babel's tower of confusion be figuratively, even if not

literally, true? There is nothing to belie this possibility, just as there is nothing to oppose the theory that Truman and Stalin may have sprung from a common original ancestor some hundreds of generations ago."

(Story of Language by Mario Pei, 1952, P. 357)

- (d) "Is there a possibility that our present classifications of languages will be improved? More light is being shed upon language affiliations as more material is discovered. It is even possible that one day the dream of some linguists will come true, and all languages be proved to have a common origin. Linguists, however, are hard-headed scientists, not impractical theorists. Before they will accept a hypothesis, however attractive, the proof must be cogent beyond a shadow of doubt." (ibid P. 31)
- (e) And the Holy Quran says "And among His Signs is the creation of the heavens and the earth, and the diversity of your tongues and colours. In that surely are Signs for those who possess knowledge." (30 : 23)
- (f) In the year 1895 the Founder of the Ahmadiyya Community, Hazrat Mirza Ghulam Ahmad (1835—1908) wrote a book named Minan-ul-Rahman wherein he claimed that Arabic is the first language given by God to man and that all other languages are derived from it. He based his claim on the teachings of the Holy Quran and elucidated this proposition in the light of several Quranic verses. He even foretold that in course of time Arabic will be found to be the mother of all the world languages. In the Great Religious Conference held in Lahore in the year 1896 he proclaimed this truth as follows:
- "We have shown in our book Minan-ul-Rahman that the Arabic language is the only language which can claim to be Divine, the fountain from which all sorts of knowledge flow, the mother of all tongues, the first as well as the last medium of Divine revelation. It is the first, because Arabic was the word of God which was with God and was at last revealed to the world from which men learned to make their own languages, and the last, because the Divine Book i.e. the Holy Quran is also in Arabic."

(Teachings of Islam P. 132)

Missing Link, Between Arabic and Other Languages

In tracing out the etymologies, the Western philologists ignored Arabic completely. This outlook is mainly based on the following reasons :-

Trilateral nature of Arabic roots. Almost all the Arabic roots are Trilaterals while the Aryan roots are not so qualified. It is an argument, therefore, that Aryan and Semitic languages are poles apart and that any attempt to reconcile them would be all love's labour lost. Says Bopp :

"In Semitic languages roots must consist of three letters, neither more nor less, and thus generally contain two syllables ; while in Sanskrit, Greek, etc., the character of the root is not determined by the number of letters but that of syllables of which they contain only one. Thus a root like I, to go, would be unthinkable in Arabic."

(Jesperson on Language P. 52)

It is such roots as I, to go ; Gi, to live ; LUO, to dissolve, which baffle the philologists. However, Maxmuller raises a strong presumption in favour of Aryan and Semitic languages to have originated from a common source :-

"This does not exclude the possibility that both are diverging streams of the same source ; and the comparisons that have been instituted between the Semitic roots, reduced to their simplest form, and the roots of the Aryan languages have made it more than probable that the material elements with which they both started were originally the same."

(Science of Language, Vol. I, P. 316)

Maxmuller (1823—1900) outlived Bopp (1791—1867), hence his broader outlook is the result of added knowledge and experience. The above-noted divergent views of Bopp and Maxmuller can be reconciled in the light of the following factors :-

1. When Arabic roots are pronounced by Aryans they generally drop the 6 delicate letters : ع - ا - ه - ح - و - ي with the result that the two syllables are reduced to one syllable. Thus the loss of a delicate letter is in fact the loss of a syllable which creates a marked contrast between the two families and upsets the Semitic

and Aryan equilibrium. But if you put the delicate letters in the Aryan scale the equilibrium will be restored at once as shown below :-

<i>One Syllabled Aryan Root</i>		<i>Two Syllabled Arabic Root</i>
TAP, shine	ع	TB عتب to shine
KRI, to incline	ا	KR اكار to incline
PAT, fall	ه	PT هفت to fall
PAL, to fill	ح	PL حفل to fill
RUDH, to redden	و	RD ورد to be red
NABH, spring	ي	NB ينبوع spring

ARG, shine	ع	RG رجع to shine
HAG, to surround	ا	HG حاق to surround
LAP, to shine	ه	LB الهب shine
SAT, full	ح	ST شحط to fill
UL, to howl	و	UL عول to weep loudly, to wail
ULKA, firebrand	ي	LK لياق blaze

KUDH, to hide	ع	KD خدع to hide
KAT, cover	ا	KT غصا to cover
KUPA, a well	ه	KP خفية a well
H ₂ PAT, lie flat, open	ح	PT فطح to flatten فتح to open
MITH, associate	و	MT مطو companion
WAR, to cover	ي	WR وري to disguise, conceal

The above-noted list demonstrates the Biliteral formula in 18 specimens. Thus the six delicate letters are the panacea by means of which the two systems can be reconciled. As to Bopp's view about the uniliteral words in Aryan languages, one of the ten formulas must restore them to Arabic. Bopp quite forgot that J was written as I, and the root of I is admittedly JA (Jespersen, P. 380). Therefore I, to go=JA=جا to walk. Conversely, "Y is consonantal sound for which G is also used" (Ency. Br., P. 558). Therefore, GI, to live=YI حى to live. If you write J as I and Y as G it is the fault of script and not of Arabic and what Bopp calls an impossibility is a certainty.

2. *Loss of K, S and G or J.* The second factor which deforms the Arabic roots is the loss of K, S, G or J which occurs in

many Aryan words. This loss also makes the Aryan roots monosyllabic; but it can be repaired by means of a definite law discussed under the ninth formula named Toning Up, e.g. (a) DU, to toil =KD كد to toil, (b) MUTE, silent=SMT صامت mute. YUDH, to fight=JD جاهد to fight.

Thus the restoration of K, S or J has reinstated the Arabic root.

3. *Indifference.* The third factor is the indifference with which the Western philologists have bypassed Arabic. For instance, in the Encyclopaedia Britannica occurs the following passage, "The old form HEO (for she) continued up to 15th century. The origin of this form has not been satisfactorily explained." Now, HEO is nothing but هي she. And the obvious has been completely overlooked. Similar other instances can be given in proof of this indifference.

4. *The theory of a prehistoric language.* At one time it was believed that Sanskrit was the mother of Aryan languages. But in course of time this theory was repudiated. Sanskrit could not deliver the goods and disappointed the philologists sorely. This sense of frustration deterred them from going forward in quest of a parent language. They had already decided that Semitic and Aryan groups were poles apart. They confessed that Latin, Greek and Sanskrit were sisters whose mother was *perhaps* a lost language. In this uncertain state of affairs they adopted a platitudinous theory of a prehistoric language. But the wonder is that a language, which was vast enough to be the mother of Latin, Greek and Sanskrit which have influenced the languages of almost half the world, should itself have vanished away. The following table proves that the so-called prehistoric language is Arabic :

<i>Greek</i>	<i>Latin</i>	<i>Sanskrit Arabic</i>
1. LOGY, to speak	LOQUI	LAK لغا to speak
2. ED, eat, gnaw	EDO	AD اعض to bite w. teeth
3. MEN, to think	MEN	MAN مان to think
4. PLE, to fill	PLE	PAL حفل to fill
5. ZYG, to join, couple	IUG	YUG زوج to join, couple
6. KLE, to shut	CLA	KLU عكل to confine
7. ALLO (SAL) to leap	SAL	SAL صال to leap, assail
8. KIR-k-os, circle	CIR-c-us	KAR كرا to round a thing

9. GEN, to know	GNA	JAN	ظن to know J/Z
10. LU-sis, release	LU	—	حل to set free
11. —	CAPER, goat	—	غفر goat
12. —	JOKE	—	ضحك to laugh ضحك to joke
13. —	JUVEN, young	YUVAN	يفعان young

Nos. 1 to 9 show that Greek, Latin and Sanskrit are sisters and that Arabic is their mother. Nos. 10 to 13 show that the sisters are deficient in some roots but Arabic contains them. Hence the mother of these languages is not dead but is living and has always been living. Of course Sanskrit and Latin are dead languages.

Monosyllabic Roots of Sanskrit and Chinese

At page 294 of his book 'Science of Language' Vol. I, Maxmuller says, "A root is necessarily monosyllabic" and he puts the Sanskrit roots into 3 categories, viz., Primitive, Secondary and Tertiary roots and describes them as below :

- (1) "Primitive roots are those which consist :
 - (a) "of one vowel, e.g., I, to go." Now, J was written as I and the root of I is admittedly JA = جحا to walk.
 - (b) "of one vowel and one consonant, e.g., AD, to eat" AD = اعض to bite with teeth.
 - (c) "of one consonant and one vowel, eg., DA, to give." DA = ادى to pay. It has its kins in Arabic, viz., هدى to present a.o. w.a gift ; يدي to be beneficent, يدي to receive a benefit ; يادي to hand down ; ايد to help ; عطا to give a thing. Similar shades of meaning have been conveyed by 3 similar letters.
- (2) "Secondary roots are those which consist :
 - (a) "of one consonant, vowel and consonant, e.g., TUD, to strike." TUD = وطدة violent blow.
- (3) "Tertiary roots are those which consist :
 - (a) "of consonant, consonant and vowel, e.g., PLU, to flow." = حفل to flow.

- (b) "of vowel, consonant, and consonant, e.g., ARD, to hurt." ARD = ارد to injure.
- (c) "of consonant, consonant, vowel and consonant, e.g., SPAS, to see, examine." SPAS is admittedly prosthetic form of PAS = فحص to see or examine carefully.
- (c) "of consonant, consonant, vowel, consonant and consonant, e.g., SPAND, to tremble." Here S is prosthetic and N is nasal so that the root is PAD = فد to flap its wings (bird) which is a picture of trembling from nature.

It is clear from the foregoing examples that the monosyllabic Sanskrit roots were in fact Arabic trilaterals from which they lapsed like the roots of Chinese. And Maxmuller admits that Arabic roots "as far back as we know them must consist of 3 consonants." Thus Arabic has always remained constant and immutable while Sanskrit has lapsed. Therefore the monosyllabic theory must give way to Trilateral reality. In the above context Jespersen is perfectly right when he says,

"The monosyllabic character of Chinese is not original but is a lapse from an earlier polysyllabic structure."

(Language by Jespersen p. 370)

The case of other languages is no better. Chinese is a monosyllabic language which I have traced to Arabic trilaterals. e.g.

SAN, to sprinkle	SN	شن to sprinkle
KUAN, to leave empty	KN	خن to empty gradually
HAS, happy	HS	هش to be cheerful

Sound-Shifts

The following sound-shifts are an admitted fact in philology :-

1. A, E, I, O, U are vowels. In the light of Arabic alphabet they are equivalent to A sound e.g., AT=اَيْت, EAT=اَيْت, IT=اَيْت, OUT=اَوْت, UTTER=اُتْر. A and H interchange. Thus vowels represent A or H sounds, as well as Arabic vowel-points (اعراب).
2. Labials, B, F, P, V, W interchange. Rarely they change with M. When one has cold in the head, his Ms become Bs. B, F, P, may pass into V which becomes U. Thus U may have to be changed into B or F.
3. C, K, Q interchange. Sometimes K replaces X or S.
4. CH is equal to K or S and very rarely it is=J.
5. D interchanges with T, L, S, R, Z. Rarely D becomes J.
6. G, J, Z, Y, I interchange. Also G stands for K.
7. J is written as Y or I as well.
8. L, M and N interchange. Rarely N=R.
9. R changes into L. R may pass into S or D.
10. S is occasionally interchanged with T or R. Sometimes S replaces K. "S was written as KH" (Nepali Dictionary by Mr. Turner p. 113).
11. T passes into D, S, C (Cassel's Latin Dictionary p. 563) T=K also.
12. X is a compound letter which stands for KS or SK and also for K, Z, S.
13. Y represents J or G or Z. Y is frequently written as I (Skeat's Dictionary p. 772).
14. Z passes into S, D or Y, J, G or I.
15. S or Z may be replaced by TH.

Some peculiar sound-shifts

- (a) D is sometimes lost (Liddel's Dictionary p. 171).
 - (b) L changes into D (ibid p. 461).
 - (c) Conversely, D and DH become L in Vedic Sanskrit (Sanskrit Grammar by Macdonell p. 236).
- N. B. The above-noted sound changes have been classified in this book under the head "Phonetic Equations" q.v.

The Ten Formulas

It is admitted on all hands that as a rule Arabic Roots contain three letters only. It is nobody's case that Arabic roots gained or lost some letters to become trilaterals. It is our case that all the languages of the world were originally based on Arabic trilaterals and that subsequently they lapsed from this form on account of climate, environment, habit and numerous other factors. However, it is so ordained by God that this lapse can be set right by means of definite phonetic laws in order to retrace the roots of any language to the Arabic trilateral form. In other words, order can be evolved out of this disorder. It may also be noted that Arabic trilaterals are unchangeable and permanent as regards the number, order and accent of the letters. They are unique like one's thumb impression and therefore, they are fit to be a permanent yardstick to measure other languages. The ten formulas enunciated and illustrated hereunder apply to all the languages to retrace their roots to Arabic trilaterals. And by applying them I was able, by God's grace, to trace 46 languages to Arabic successfully. Illustrations could be given from any language, but for the sake of convenience I am giving examples from the English language only.

- Rule 1. Prefixes and suffixes are to be removed to get at the root word.
 - Rule 2. Chance resemblances and loan words are to be carefully marked out.
 - Rule 3. As a general rule vowels are to be removed. However, if a vowel represents one of the *delicate letters* viz. (ع - ا - ه - ح - و - ي) it may be retained. The life of a word is in consonants and not in vowels.
 - Rule 4. The 6 letters of Arabic Alphabet which I call *delicate letters* are ع - ا - ه - ح - و - ي. They change into vowels or they are deleted in other languages, and have to be restored.
 - Rule 5. Surplus letters are to be sifted and sound-shifts are to be corrected according to definite phonetic laws.
 - Rule 6. مِضَاعِفِ MUZAIF i.e. an Arabic root in which the second letter is pronounced as a *double letter* is also a trilateral.
- N. B. Each formula is subject to these rules or provisos: Formulas

are named according to the form of a word in a non-Arabic language. The first four formulas are basic ones and the other six are their sequels. Each formula conforms to the structure of Arabic roots and also to the accepted laws of phone; and it traces a foreign word to an Arabic trilateral.

I. Trilateral Formula

On removing the vowels 3 consonants remain. Pronounce them with Arabic vowel-points (اعراب) according to Arabic accent e.g.

- | | |
|------------------|--------------------------|
| 1. SHRIEK=SRK | صرخ to shriek |
| 2. GLOOM=GLM=ZLM | ظلمة darkness |
| 3. FLEE=FL | فل run away, escape |
| 4. ABIDE=ABD | ابد to abide—A retained |
| 5. ABIDE=BD | ابد to abide, A restored |
| 6. CAMPHOR=CPR | كافور camphor—m surplus |

II. Biliteral Formula

On removing the vowels 2 consonants remain. This by itself is an argument that one of the delicate letter has to be restored in the beginning, or in the middle or at the end of these 2 consonants. This will give us 18 lots of Arabic trilaterals. But to be brief they may be divided into 2 lots only viz.

- (a) *Aphesis* i.e. the restoration of a delicate letter in the beginning of the word.
- (b) *Quasi-Aphesis* i.e., the restoration of a delicate letter as second or third letter.

Examples—Aphesis

- | | | |
|--------------------|---------------|----|
| 1. NECK=NK | عنق neck | ع |
| 2. LIGHT (LEUQ)=LQ | الق to flash | ا |
| 3. ABATE=BT | هبط to abate | هـ |
| 4. FILL=FL | حفل to fill | ح |
| 5. PEEL=PL | وفل to peel | و |
| 6. PEAK=PK | يا فوخ summit | ي |

Examples—Quasi-Aphesis

- | | | |
|------------------|----------------|----|
| 7. WEAK=WK | وعك to weaken | ع |
| 8. ASSAIL=SL | صال to assault | ا |
| 9. LASSI-tude=LS | لهثة weariness | هـ |
| 10. SHORE=SHR | شجر sea-shore | ح |

- | | | |
|----------------------|-----------------|----|
| 11. COZ-en, cheat CZ | خوز deceive | و |
| 12. GALA. milk=GL | غبل milk | ي |
| ----- | | |
| 13. DELL (TELLE)=TL | تلعة valley | ع |
| 14. LOGY, speak=LG | لغا speak | ا |
| 15. MERE, pool MR | مرهة pool | هـ |
| 16. MERRY MR | مرح be cheerful | ح |
| 17. ROCK RK | رغوة rock | و |
| 18. con-SOLE | سلى to console | ي |

Note. Restoration of one of the delicate letters has fixed the Arabic root in 18 lots as shown above. The largest number of Arabic roots are those words which contain one of the delicate letters. And it is a fact that return from any language is the largest under the Biliteral Formula. It may also be observed that delicate letters stand sentinel over the Arabic roots and prevent them from mixing up. Thus they are a safeguard against the formation of Homonyms.

III. Unilateral Formula

On removing the vowels only one consonant is left over. This is an argument that at least two delicate letters have to be re-affixed to this consonant to reconstruct the Arabic root e.g.:

- | | | |
|-------------------------------------|-----|---------------------------------|
| AMO, love M | هام | to love passionately (ا - هـ) |
| Booth (BOA) to dwell B | بوا | to dwell (ا - و) |
| H ₂ ERR, wander, stray R | عار | wander حار to stray (ع - ا - ح) |

IV. Cypher Formula

The word contains vowels only. Therefore reconstruct the Arabic root by following its sound. It will be found to contain 3 delicate letters which passed into vowels e.g.

- | | |
|----------------------|-------------|
| AY, AE, life | حي life |
| AIO, to hear (Greek) | وعى to hear |

Note. A very small number of such words are found in Arabic and hence the number of foreign words reconstructed under this formula is far too small.

Metathesis

Metathesis means the transposition of letters or sounds for the sake of euphony or ease of pronunciation. It occurs almost in

every language.

- (a) According to Jespersen "Latin is particularly addicted to the transposition of letters" (Jespersen on Language P. 50)
- (b) In Sanskrit, "In some cases order of sounds is inverted and he (the author of Nirukta) thinks, the order of any sounds may be inverted." (Nirukta by Skold P. 182).
- (c) Arabic roots are immune from metathesis because if you invert an Arabic root you get quite a different root e.g.,
 لحنف - لحنف - لحنف - لحنف - لحنف are quite different, just as مكل
 لحنف - لحنف - لحنف - لحنف - لحنف are different. This immunity from metathesis also makes Arabic a standard for other languages.

The following are some of the causes for metathesis :

- (a) Ignorance (b) Mishearing (c) Habit (d) Defective development of sound organs (e) More often gutturals cause metathesis (f) Loan words are sometimes subjected to metathesis to mark them out as foreign words.

Metathesis is of 2 kinds vid Trilateral—Metathesis, which is a sequel to Trilateral Formula, and Bilateral Metathesis, which is a corollary of Bilateral Formula and they may be described accordingly.

V. Trilateral Metathesis

Transpose the 3 consonants and apply the Trilateral Formula e.g.,
 DARK=DRK=KDR خدر darkness
 GRADE=GRD=DRG درجة grade
 SEEK=SK=KS قس to seek

VI. Bilateral Metathesis

Transpose the 2 consonants and restore a delicate letter e.g.,
 TEGO, to cover TG=GT غطا to cover
 KILL KL=LK هلك to destoryهلك death
 LEAN, thin LN=NL ناكل thin

N.B. After transposition of the letters and restoration of a delicate letter this Formula will conform to 18 categories of words as shown under the Bilateral Formula.

VII. Prosthesis (or Prothesis) and Reduplication

Prosthesis consists in the addition of a letter (or rarely two letters) in the beginning of a word. When the letter is a, e, or o it

is called euphonic prosthesis. Any consonant may be prefixed as a prosthetic letter. S is a very common prosthetic letter. *Reduplication* means the doubling of the initial part in inflection and word-formation. Verbs are reduplicated in Sanskrit and Greek. Prosthesis and Reduplication are found in almost every language except Arabic because Arabic roots must remain 3 lettered only. Prosthesis may be described as below :

Remove the initial letter (or rarely 2 initial letters) and apply one of the 4 basic formulas as the case may require e.g.,

Trilateral Prosthesis

1. STREAK (S) TRK طريقة *streak*
 2. SCRATCH (KRASS) (S) KRS خورش to *scratch*

Bilateral Prosthesis

3. BLACK (B) LK حاك be *black*
 4. re-VOLVE (V) LV لوى to wind, coil

Unilateral Prosthesis

5. GNA-th-ic, of jaw (G) N نج jaw

Reduplication

6. KAKUD, hump Skt. (K) KD فحدة hump
 7. PIPTO, fall Greek (P) PT هفت to fall
 8. JEJU-ne hungry (Latin) (J) JU جوع hunger

VIII. Prosthesis with Metathesis

Sometimes the impact of the prosthetic letter transposes the letters of the root word. *Therefore remove the initial letter and transpose the remaining consonants e.g.*

- STRAP, band (S) TRB=RBT رباط bond
 SKELP, slap (S) KLB=LKB لخب to slap
 STEG-o, covered (S) TG=GT غطا to cover
 PROG (F) RG=GR قرة frog
 FROGG-y, cold (P) RG=GR قر cold

IX. Toning Up

Toning up consists in repairing the loss of K, S, Z, J sounds

Loss of K

Some people have a remarkable aversion for the guttural sound and they drop it. I quote,

(a) "The muscles in the throat that help to produce these sounds have become atrophied—have lost their power for want of practice. The purely English part of the population for many centuries after the Norman invasion, could sound gutturals quite easily, just as the Scotch and German do now, but gradually it became the fashion in England to leave them out. In some cases the guttural disappeared entirely ; in others, it was changed or represented by other sounds. The 'g' at the beginning of many words also dropped off. The guttural at the end of words i.e. hard 'g' or 'c' also disappeared. The guttural appearing to the eye but not to the ear as dough, trough, plough, etc., remained as it was. Again, the guttural was changed into quite different sounds, into *labials* into *sibilants* and into other sounds. It appears as an I, Y, W, Ch, etc." (A short History of English Language by Mackjohn P. 54 to 56).

(b) The above-noted dropping of guttural sounds has been very concisely described as shown below :

وكلنا يعلم ان العين وكل حرف حلقى يستقط من لغات الغربيين
(نشوء اللغات العربية 56)

"And we all know that AIN and every guttural letter is dropped in the languages of the Western people."

(c) "A word which travels far loses the initial K" (Skeat's Dictionary of English under the word APE)

(d) "K changes into H" (Jesperson on Language P.43). In Turkish and Swahili change of K into H is very frequent. It is abundantly clear from the foregoing references that :—

(i) *The lost K may have to be reaffixed in the beginning, in the middle or at the end of a word e.g.*

BAIL, surety	BL=KBL	قبالة	suretyship
VOICE (V-I-S)	VIS=VKS	وقش	voice
AZURE, blue	AZR=AZRK	ازرق	blue

(ii) *Initial vowel stands for lost initial K e.g.*

ALL	AL=KL	كل	all
EUNUCH	ENS=KNS	خنش	eunuch
INN, house	IN=KN	خانه	house Pers.
ADULT (OL) grow	OL=KL	غلا	to grow
UBRI-so, to wax insolent	UBR=KBR	كبر	insolence
YATTER, chatter	YT=KT	تقط	to cry

(iii) *H stands for K e.g.*

HORN (CORNU)	HRN=KRN	قرن	horn
غ HILL (COLL-is)	HL=KL	قوعلة	hill

(iv) *K a guttural may change into a labial e.g.,*

PALE (KHOLE)	PL=KL	قلح	be yellow
FUB, deceive	FB=KB	خب	to deceive
WALL-et, bag	WL=KL	قلع	bag

(v) *K may change into S e.g.,*

ab-SURD, deaf,	SRD=KRD	قرد	to remain silent
voiceless			
SLAB, mud	SLB=KLB	خلب	mire
ن SLEEVE	SLF=KLF	خلاف	sleeve

N.B. The loss of K or its change into H or S or a labial is not confined to Western people alone. This change is based on the defective sound organs or habit and as such it may be found in any language. In fact I came across this change in many languages.

Toning Up of S

Like K, sometimes S is also dropped or changed into H

- (a) "S is seen to change into H or X or to disappear"
(Jesperson P. 199)
- (b) "There existed a strong tendency to drop the final S".
(Jesperson P. 362)
- (c) "The poets of the older period often elided S before a consonant"
(Cassel's Latin Dictionary P. 495)

It is clear, therefore, that the lost S may have to be restored or a vowel or H or X may have to be changed into S e.g.

CHUTE, fall	KT=SKT	سقط	to fall
WOOF (OOF) weave	OF=SF	سف	to weave
NEEDLE (NAH-en) to sew	NH=NS	نصح	to sew
XIPH, sword	XP=SP	سيف	sword

Toning Up of G or J or Z or y

Linguals—G, J, Z and Y interchange. J was written as I e.g., JOKE=IOK, JORDAN=IORAN. J may be lost e.g. HEDGE=HAW, ORIG-in=ORI. *It is clear, therefore, that the lost J or G or Z may have to be restored or Y or I may have to be changed into J or Z.* This change is very common in Sanskrit. (See formula Toning Up)

X. Toning Down

Toning Down is the reverse or counterpart of Toning Up. Some people's sound organs are overdeveloped and they change a soft sound into a hard one.

1. For instance, A or H which are semi-gutturals change into guttural K.

CRAZE CRZ=ARZ عرض to be seized with madness
 ن CABLE CBL=HBL حبل cable

2. Sometimes W is hardened into G, e.g. Ward=Guard, Wallop=Gallop, Wadiulkabir=Gaudilquivir.

ن GALLOP (WALLOP) GLP=WLP ولاف gallop
 GUARD (WARD) GRD=WRD وردة look-out

N.B. Both the formulas Toning Up and Toning Down are very subtle and require utmost care and caution in their application.

From Simple to Subtle

It is to be noted that we began from the Trilateral Formula which was simple enough. The Biliteral, Unilateral and Cypher Formulas drifted away from simplicity to complexity by slow degrees. Then came Metathesis and Prosthesis—distortions and perversions—that had to be set right. And lastly the two processes named Toning Up and Toning Down are very subtle as the letters have begun to fall off like autumnal leaves and the words have begun to lose their identity. And here ends the track and we have to stop. Thus from the Trilateral Formula right up to the Toning Down Formula the scale has been sliding gradually from simple to subtle. Homonyms also are a complicated problem but they are amenable to the above formulas. Beyond the above-noted definite formulas one has to be faced with corruption, chaos and confusion that have found their way into the words and we have to leave them alone as lost beyond recognition. But all the same, the central parts of every language are conformable to the above-noted formulas. The ten formulas discussed above prove that it was so ordained by God that different languages could be reconciled to Arabic by means of definite phonetic laws :

و اختلاف السننكم و الوانكم ان في ذلك لايت للعلمين

“And the diversity of your tongues and colours, most

surely there are signs in this for the learned.”

(The Holy Quran, 30 : 23)

It is very significant that the Holy Quran has compared the diversity of tongues to the diversity of colours. This is as much as to say that all languages came out of one language just as all colours came out of one colour. And there is unity in diversity.

How to use this dictionary

Signs and Abbreviations

Left hand margin contains the following signs :

A star mark * shows that the word is a Quranic root.

-- A dash in the beginning of a word shows that the prefix is omitted.

ن means that the unknown etymology has been supplied by Arabic.
 غ or اصل means that the wrong etymology has been corrected by Arabic.

H₂, H₃ etc. show that the word is a homonym of 2, 3 etc. words.
 L₂, L₃ etc. mean that the word is common to 2 or 3 etc. languages. The words of other languages are given below the word. Under this head the reader should carefully note the identity of substance and diversity of articulation

- Column I. 1. In column I the root word is written in capital letters.
2. G/Z, D/Z should be read as, change G into Z, D into Z and so on.
3. Surplus letters are shown within brackets, thus ;
 (N)=nasal N, (M)=nasal M produced by B or P,
 (B) or (P) means excrescent B or P produced by M,
 (m) (v) (r) (l) mean intrusive m, v, r, l.
 nv.=No verb i.e. the language does not possess the base of the word.
4. A connective consonant i.e. a surplus consonant which connects the root with the suffix has been separated by means of hyphens. Thus in AMO-r-ous, HALLUCI-n-ate, r and n are connective consonants.
 (هلوسة هام)

- Column II.* 1. In column II the consonants of the word have been reproduced in capital letters followed by the Arabic root and its meaning.
2. ↑ An upright arrowhead intervenes between the correct etymology and the wrong etymology which is given after the arrow-head.
3. A prosthetic letter has been bracketted e.g. SCRAPE=(S) CRP.
4. gfp. means a general sense adopted from a particular sense ;
pfg. means a particular sense adopted from a general sense ;
nfv. means noun formed on verb. vfn. means verb formed on noun.
5. a=any, f=from, w=with, th=thing, pfx=prefix, sfx=suffix, o=one, Eng.=English, Pers.=Persian, Skt.=Sanskrit

The reader is advised to often refer to the 10 formulas and the above-noted signs. In fact he should have them on his finger-tips.

- N.B. (a) The same Sanskrit word may be pronounced and spelt differently e.g. SARA=KARA=HARA.
- (b) One root may be used in various senses e.g. "Bandh" is used in at least 20 senses.
- (c) One word may be found combined with a similar root to from a homonym (See SR combinations)
- (d) These and similar other factors account for the repetition of numerous entries in this book.

Sanskrit and some of its Peculiarities

Vedic Sanskrit, the oldest known form of the language is more primitive than its successor the classical Sanskrit which is the oldest among the Aryan or Indo-European family of languages. It is highly inflected and subject to complex and artificial phonetic laws. It has long been a dead language but kept artificially in life as the sacred dialect of Brahmanism. Being a very difficult and complex language it has been superseded by its simpler descendants like Nepali, Hindustani, Prakrit and Pali etc. Its copious literature begins with the Vedas, probably from 1500 to 2000 B.C. (adapted).

Alphabet

Sanskrit alphabet consists of 48 letters i.e., 13 vowels and 35 consonants. From the standpoint of Arabic alphabet they may be analysed as under :

- (a) Short vowels (a, i, r, l, u), long vowels (ā, ī, r̄, ū) and diphthongs (e, ai, o, u,) may be eliminated as they are nearly substitutes for Arabic vowel-points except A when it stands for Arabic A sound. The life of a word is in consonants and not in vowels.
- (b) Nasals (ṅ, ṇ, ṁ) may be left out as a nasal shows a mere resonance through the nose. Arabic roots are not nasalised. Nasal m may be ignored also.
- (c) Hard d, t, r may be left-out as well. ذ - ط - ث
- (d) Aspirated letters (kh, ch, th, ph, gh, jh, dh, bh) may be left out for their unaspirated equivalents.
- (e) As a result, out of 48 letters only 18 letters remain over viz., A, B, C, D, G, H, J, K, L, M, N, P, R, S, SH, T, V, Y which correspond to Arabic alphabet.

Sanskrit does not possess the letter Z. In Sanskrit Z is generally replaced by G or D, or it passes into S or Y or I.

N.B. The number of letters of alphabet are different in different languages. This however, does not matter much because every letter has to pass through one of the 5 main organs of speech viz., Guttural, Palatal, Lingual, Dental and Labial or through a combination of two of these.

Roots and Affixes

“The ancient list of verbs (dhaatupaatta) gives some 2000 Sanskrit roots from which all the words of the language are derived.” (Ecclesia Divina by Pandit Bhumanand P. CXLII)

Even these 2000 roots are not available and the existing roots are not more than 1700. It is clear that this number is far too small in comparison with innumerable Arabic roots.

This stock of roots being too small to cope with numberless human requirements, Sanskrit employs a very large number of prefixes and suffixes to form compound words. Or, it uses a single root in numerous senses.

ولا تكفى مفرداتها فى استيفاء انواع المرام ولا توجد فيها ذخيرة المفردات

“And the simple words in non-Arabic languages are not sufficient to fulfil various human requirements and they do not possess a treasure of PRIMARY words.” (Minan-ul-Rahman P. 78)

فحلوا السننهم بايديهم لا بايدي الفياض المنان

“Their languages received embellishment from their own hands and not from the hands of the Bounteous and Benevolent Lord.”

فكان غاية سعيتهم ان ينجتوا بازا مفردات انواع تركيبات

“And with their utmost effort they could formulate compound words as against primary words. (Minan P. 81)

Nouns

As a matter of fundamental principle *almost* all nouns in Sanskrit are derived from verbs. This has advantages as well as disadvantages. The advantage is that the noun formed on verb denotes the reason and philosophy of the noun e.g. PIRTHUI, wide=earth, فرطح to widen a thing. ISTRY, woman from the root ستر to cover ستيرة chaste woman. But the stock of verbal roots being very small, the derived nouns do not always conform to the sense aimed at and one often comes across forced and fictitious etymologies. Both these aspects may be noticed in the following categories of nouns which prove the deep thought, probity, insight and power of observation of the Sanskrit Vidwans. Nevertheless, they prove the deficiency of Sanskrit as regards specific primary words. They were coined as a matter of necessity which is the mother of invention.

Philosophic Words

A-GA, not moving=mountain	A, not GA	جا to walk
DHAR-A, flowing=property	DR در	to flow (i.e. go from hand to hand)
A-MAR, not dying	Skt. A, not MR	مر elapse (time), pass
MOR-ir, go, die	Spanish MR	مر pass, cross
MOR-t-al, passing, subject to death	MR	مر pass, cross (Latin & Eng.)
MUR-dan, to die	Persian MR	مر to pass, cross
MAR-na, to die	Hindi MR	مر to pass cross

N.B. Passing is euphemism for dying as shown by Spanish root. This euphemism may be noted in the following Arabic words too :

اجل fixed time, death	قضى	determine, die	ذهب go, die	عبر
elapse time die	سافر	to set off, to die	رحب journey	death
go away, die	مضى	elapse, die	فات to elapse time.	to die

The word MAR also shows the identity of human way of thinking in different languages viz. Sanskrit, Spanish, Latin, English, Persian and Hindi i.e. dying is passing on to the next world because the soul does not die but lives on. Says the Holy Quran,

كل نفس ذائقة الموت ولبلوكم بالشر والخير فتنة و الينا ترجعون

“Every soul shall *taste* the death, and We prove you with evil and good by way of trial. *And to us shall you be returned* (21 : 36)

N.B. “Indeed use of euphemistic substitutes referring to death and to certain diseases actually seems to be increasing in some civilized areas.”

(Encyclopaedia Britannica 1973 edition Vol. 10 P. 643)

A-KSHA-ra, not perishing=word	A, not KS	خاس to be lost
AB-DHI, water deposit=sea	AB	عب water D
ACHAR-ya, to be gone to=	SAR	سار to go, y qualitative teacher

N.B. SARA, to go, does not contain any sense of teaching. It is respectful, however.

Poetic Words

KSHAP-ISA, lord of night= moon	KSP غسف darkness IS عز be master
TARA-RAM-ana, lover of stars=moon	TR طر to shine (star) nfv. RAM رام desire eagerly
KAND-ra HASA, moon laugh =beam (N)	K(n)D وقد to light, HAS هاشا to joke
BHA-nu-mat, luminous=sun	BHA بها shine
GRI, heavy=mountain	GR=ZR وزر burden, وزر mountain

Human Limbs

In the Arabic language there is a specific word for each and every human limb, Nay more. There are specific verbs to denote the various actions of every human limb. Sanskrit lacks such necessary words and has to coin these words from its limited stock of verbs. Note the Arabic simple words on the margin.

جسم DEH, concealer of soul=body	DH دح to conceal
رأس SIRA, summit=head	SR سرة summit
جبهة BHA-la, splendour= forehead	BHA بها splendour
عين NAI-na, director=eye	N عن to manage, guide عين eye, chief
جفن PAKSH, side=eyelash	PKS=SPK صفق side صفق to flap
حاجب BHRU, margin=eyebrow	BR عبر margin
انف NASA, promonotry=nose	NS نص utmost limit cf. انف nose extremity
عارض SIP-ra, side=cheek	SP صفة side, cheek
CHEEK, side of face Eng.	SK شق side
خد GANDA, cheek (n)	GD خد side, cheek
سن DAS-ana, biter=tooth	DS ضوس to bite with teeth
DA-nta, biter=tooth	D عض bite w. teeth
شفة DAS-anaKKHADA, tooth cover=lip	KD=KT غطا cover
D-antaKKHADA, tooth cover=lip	KD=KT غطا cover
DHAK-KKHADA, tooth cover=lip	DHK ضاحكة tooth KT غطا cover
رقبة GRA-va, swallower=neck	GR جرع to swallow

صدر URA, breast (s lost)	UR=SR ضرع breast
ركبة GAN-u, knee	GN حجن to bend
فخذ DANDA, stick=thigh (N)	DD=TD وتد stick
ساعد BHOGI, bending, curving=arm	BG=GB قبا to bend, to fold
كف TAL-i, slapper=palm of hand	TL=LT لطح to slap
يد HAS-ta, feeler=hand	HS حس feel حسس feel w. hand
اصبع KHASLA, shoot=finger	KSL خصلة any tender branch
VRIS, shoot=finger	BRS بارض shoot of plant
رجل PAD, tread=foot	PD فد to tread
قدم CHAR-an, walker=foot	SAR سار to walk

Animals

Animals are named after their habits or sounds of their voices e.g.,

G-U, crier=cow	G عج to cry out, bellow (ox)
VASA, make noise=cow	BAS باش to be noisy
VI-PAD, not treading=snake	PD فد to tread VI, not
VA-ASA, eating air=snake	VA هوا air AS, هاس to eat
VRAS-K, tearer=wolf	FRS فرص to slit, cut
UT-KALPA, spreading its tail peacock	UT=ST ططح expand خلف behind
URA-GA, walking on breast= snake	UR=SR ضرع breast GA ججا walk
LOPA, plunderer=fox	LB=SLB ساب plunder ثعلب fox

N.B. Initial S in UT, URA and LOPA has been lost according to the phonetic law "S changes into H or X and disappears" (Jesperson on Language P. 199). LOPA, fox=ثعلب fox, which has been wrongly traced to سلب plunder.

AS-va, runner=horse	S سعى run
GALA-AYU-k, living in water =leech	GL حبيلا water AYU حبي live
DVI-PAD, 2 footed=man	DF ضعف double PD فد tread=foot
GAGA, roarer=elephant	GG=ZG ضجة uproar
SAKU-na, strong=bird	SK شوكة power
SAK-vara, powerful=bull	SK شوكة power
DVI-PA, drinking twice= elephant	DF ضعف double B عب drink

DVI-RADA, hv. 2 tusks= elephant	DF ضعف double RD راضعة tooth
MAT-ANGA (MAN) think (ANGA), go	MN ماءن think
=roaming at will=elephant	AG حج go (n)

It is clear that generally these are artificial words which show forced etymologies as well as human ingenuity.

Variants

In Sanskrit, as in other languages, a word may undergo variations e.g.,

1. SLATH, loose	th/s	SLS سلس loose (root is SLESH)
STHAL, loose	th/s	SSL=SLS سلس loose
STHIRA, loose	th/s r/l	SSR=SSL=SLS سلس loose
2. PLU, fill		PL حفل fill
PRIL, fill (intrusive R)		PL حفل fill
PRI, fill		PR=PL حفل fill
3. SARA, go		SR سار go
KARA, go	k/s	KR=SR سار go
HARA, go	h/s	HR=SR سار go
4. IKKH=ISH, wish		KH=SH شاء wish
5. ut-SE-sha, remnant		S اسى to leave
ut-KHE-sha, remnant		KH=S اسى leave
6. BAL, hair		BL=LB هلب hair
VAL, hair	V/B	BL=LB هلب hair
PULA, hair	P/B	BL=LB هلب hair
VARA, hair	R/L	VR=BL=LB هلب hair

Such instances can be multiplied. It is clear hence, that :

- The trilateral Arabic root has been restored according to definite phonetic laws.
- Like everything that has come from God the Arabic roots are unchangeable as regards the number, the order and the accent of the letters. They are immune from Aphesis, Epenthesis, Paragoge, Metathesis, Prosthesis and Reduplication—devices which disfigure the root. Therefore, the Arabic trilaterals are a permanent standard for other languages.

Mutilations and Distortions

Sometimes Sanskrit roots undergo metamorphic changes. I quote :-

- “Any sound can be dropped. In some cases order of sounds is inverted and he (the author) thinks the order of any sounds may be inverted.” (Nirukta by Skold P. 182)
- “In some inflected forms no sound of the original root is present e.g., pra-tam=pra-DA, ava-tan=ava-DA.” (ibid P. 199), ورد=Ruddah=Ruha=LUHa. Which has lost every letter of ورد=red.
- “The last consonant of the root if GH or DH may interchange with H e.g., Megah=Mah, Gadah=GAH, Vaduh=Vah (ibid P. 180)
- In a root the last consonant may disappear (ibid P. 199) Such changes make the task of the etymologist extremely difficult, if not impossible. A language subject to such vicissitudes can bear no comparison with Arabic whose roots have always remained constant and unchanged like one’s thumb impression.
- “Roots in Sanskrit have almost innumerable meanings” (Sanskrit Literature by C. V. Veda P. 107, edition 1930) And Abu Rehan Alberuni (973—1048) has also noted this feature of Sanskrit in his book “Kitab-ul-Hind” To say that a root has innumerable meanings is to destroy the very object of speech which should be definite and unequivocal. However the truth of the matter seems to be this :
 - There are hundreds of homonyms in Sanskrit which give heterogenous meanings (See Homonyms infra).
 - Due to paucity of root words, Sanskrit uses the same root with various connotations. For instance, the roots BANDHU and PAT have been used in more than 20 senses (See these roots under the heading Aphesis—infra) The simple reader may think that these roots have got 20 meanings each.
 - Sanskrit uses a root in its basic sense and also in a metaphorical or allegorical sense. For instance, the words KETA, SARIr, DEH, VARA, KAUSH-ta, KELAVA—mean human body. Basically, each one of these words means—to cover, to conceal. The metaphor is that body is a concealer of soul. And the reader may not be able to mark this sophistication.

KETA غطا cover, conceal	VAR وری conceal, disguise
DEH دح conceal	KAUS-ta غشى cover, conceal
SARI-r اسر conceal	KELAV-A غلاف case, covering

These and similar other factors seem to have been overlooked by Mr. C.V. Veda when he clothes the Sanskrit roots with innumerable meanings.

Be that as it may, the disorders and sophistications noted above have made Sanskrit a most difficult language.

Reduplication

Reduplication or the doubling of the initial part in inflection and word-formation is also a peculiarity of Sanskrit e.g., KAKUD, hump=KD قحدة hump, CAKS, speak=KS قص to state.

Homonyms

Homonym is a word having the same sound as another but a different meaning and origin. In course of time different roots run together to create a homonym which gives heterogenous meanings. Homonyms are found in every non-ARABIC language and they are the greatest headache of the etymologist. There are about 600 homonyms in the English language which have been marked. The existence of homonyms in Sanskrit is an admitted fact. Scores of homonyms are marked out and numbered in Sanskrit dictionary by Mr. Macdonell. But I discovered about 800 homonyms in Sanskrit which have been traced back to 1900 Arabic roots. The reasons for the formation of homonyms in various languages are shown below :

In the Arabic language a root is constant and unchangeable and preserves its identity for all time for the following main reasons which are absent in other languages :

- (a) In the Arabic script letters are written by joining them together and writing the vowel-points (اعراب) above or below the letters according to set rules of grammar. This way of writing ensures correct spelling and pronunciation.

In the Aryan languages letters are generally written separately and vowels are inserted into the word. You can pronounce the word so written in more than one way. For the correct pronunciation of the word you have to depend upon your memory and not on your eyes. An attempt is made to cover this defect by putting

various signs above or below the vowels as you see in the dictionaries. Needless to say, that these signs put above or below the vowels is again an attempt to emulate the Arabic vowel-points. The word MKZN can be pronounced in one way only. It has become MAGAZINE in English and can be pronounced, say, in 6 ways. The following quotation shows that vowels are a defective element of script :-

“Phonetic representation of vowels is far more difficult because of their number and because of the extreme poverty of Roman Alphabet in this direction. The English orthographical representation of these is perfect chaos and is very remote from the original Roman system to which most continental languages still approximate.” (Nelson’s Encyclopaedia Vol. 9, P. 409) These remarks apply to Sanskrit as well e.g.,

- | | |
|---------------------|-----------------------|
| 1. SA-MUDra, sealed | 2. DHI-ra, thoughtful |
| SAM-UD-ra, sea | DHIR-A, lasting |
| 3. SA-mana, equal | 4. AKKHA, near |
| sam-ANA, breathe | AKKHA, clear, pure |
- and so on. Hence it is clear that Arabic-vowel points are a safeguard against mixing of words

- (b) As a rule Arabic roots are trilaterals. More often than not, the trilaterals contain one of the delicate letters viz. (ع - ا - ه) which stand sentinel over the words to prevent them from mixing. Thus ربو - ربا - ربح or هرب - عرب - ارب - حرب - ورب cannot mix up. If this safeguard is lost as happens in Sanskrit and other languages homonyms will be produced.
- (c) The letters ث - س - ص - ش cannot interchange in the Arabic roots. But S cannot represent these sounds and there is comingly to create a homonym when this safeguard is lost and ثار - سار - صار - شار may become a homonym.
- (d) Similarly, Z cannot represent ض - ز - ذ and there is a likelihood of a homonym by the loss of this safeguard too. For instance, ذر - زر - ضر - ظر may merge into a homonym.
- (e) The letters ق - خ - غ - ک cannot be distinguished by K, Q or G. And hence a homonym may occur by the loss of this safeguard too and قرب - غرب - خرب may pass into a homonym.
- (f) T cannot represent the two sounds ط and ت and سطر and ستر

have become a homonym :

STR, to throw down, to cover=سطر to throw down ستر to cover.

- (g) (ا) and (ع) cannot be represented by A alone. Also (ح and ه) cannot be conveyed by H sound alone. Furthermore, A and H interchange and create a homonym.
- (h) In Sanskrit S changes into SH. This is called SHATVA. And SH changes into S. This is called SAKARA. This change is also a fertile source of homonyms.
- (i) In Arabic if the letters of a root are transposed, they give a different root. Thus لحن - لحن - لحن - لحن are quite different. In the other languages roots undergo metathesis i.e. letters are transposed. This is another source of homonyms.
- (j) In other languages letters interchange and sound-shifts may create a homonym. No two Arabic roots are identical because no letter can replace the other. Therefore, the Arabic roots remain constant and unchanged for all time and they remain unique like one's thumb impression. Thus there is no question of a homonym in Arabic.

We are giving here a few examples of Sanskrit homonyms. The reader will note how in each case the loss of the above-noted safeguards has produced a confusion.

Homonyms of 2 words

- | | |
|--------------------------------------|--|
| 1. KULA, bank, hill | KL كلا bank قوعلة hill |
| 2. MEDA, earth, fatness | MD مهد ground معد bulky |
| 3. KUN-KANA, bend, contract | KN قنح to bend كنع to contract |
| 4. GHATA, collision, bathing place | GT قحط strike violently قاطع side of river |
| 5. HVRI, go astray, fall (v) | HR حار to lose the way هار to fall |
| 6. SAS, punish, rule | SS شيص punish ساس rule |
| 7. MAN, examination, deep reflection | MN محن examine امعن ponder over |
| 8. GAR-at, old, violent | GR قحارة old age قهرة violence |
| 9. VA-tu-la, windy, bent | VA هوا wind عوى bend |
| 10. STR, throw down, cover | STR سطر thrown down ستر cover |
| 11. sam-GARA, agreement, fight | GR فار agree قرة change in war |

- | | |
|---------------------------|----------------------------------|
| 12. PU-tri, purity, stink | P عفا be clear آف be corrupted |
| 13. SI-ta, black, white | S عسا be dark اعيس reddish white |

Homonyms of 3 words

- | | |
|---|--|
| 14. KALA-tri, wife, hip, loins | KL كهل marry كاهل hip كلبية loins |
| 15. KAL-ka, paste, foulness, Sin, guile | KL كعل to glue كلع defie خل evil غائلة wickedness غل deceive |
| 16. MANA, honour, think, desire | MN منعة honour مائن think منية desire |
| 17. GARA, old, roaring, greeting | GR قحارة old age قعر cry قر rejoice |
| 18. BHA, star, similarity, appear | B هب rise (star) هوا equality باح appear |
| 19. GAURA, whitish, yellowish, reddish | GR غر be white قره be jaundiced غرى red |

Homonyms of 4 words

- | | |
|---|--|
| 20. VI-SAKHA, lacking top-knot, flameless, bald, street | VI, not SK شيق top+شاق tie
VI, not ذكا to blaze
VI, arbitray pfx سقحة baldness سك street |
| 21. VRI, conceal, obstruct ward off, reject | VR وري conceal وعر prevent ورا repel ورا reject |
| 22.*LI, adherence, sport, dissolution, lethargy | L لوى stick to لهو play dissolution لوح be exhausted حل |

Homonyms of 12 words

- | | |
|---|--|
| 23.*pra-SARA, advance, expansion, diffusion, free scope motion, influence stream, running, appearance | VRA ورا before سار go شرح spread
ثر scatter حشر be widened, be moved, اثر influence, impress
سرى channel سحر run صورة appearance |
| 24.*VAS, order, will be fond, *VASA, power, desire, VAS, dwell, VAS, reward for | VS وصية order, will هوس fondness
VS هوس power وسع desire
VS=SV ثوى to dwell
VS عوض reward |

*VAS, rush at, attack	VS=FZ فزع rush, attack
VAS, hinder, resist	VS=وعث hinder, withhold
VAS, cut off	VS=FS فأس to cut
VAS-ati, dawn	VS=FS فصح dawn
VAS, wear, put on	VS=وَشع to wrap round
VAS, shine, white, bright	VS=BS بص shine وضاء whiteness, brightness

In this book about 824 Sanskrit Homonyms resolved into 1889 words have been marked as shown below :

H ₂	Homonyms of 2 words	671=1342 words
H ₃	Homonyms of 3 words	105= 315 words
H ₄	Homonyms of 4 words	32= 128 words
H ₅	Homonyms of 5 words	7= 35 words
H ₆	Homonyms of 6 words	5= 30 words
H ₇	Homonyms of 7 words	1= 7 words
H ₈	Homonyms of 8 words	1= 8 words
H ₁₂	Homonyms of 12 words	2= 24 words

Total Homonyms 824=1889 words

In his book Abu Rehan Alberuni (973—1048) has marked this feature of Sanskrit when he was learning Sanskrit in India.

(V. Kitab-ul-Hind)

- (b) And it is this aspect of Sanskrit which makes Pandit Bhumand admit "Vedic statements cannot be correctly understood by all and co-operation of virtuous Vedic Scholars is at all times necessary to decide upon the meaning.

(Ecclesia Divina P. 86)

Please mark the words at all times "to decide upon the meaning" and compare them with the language of the Holy Quran :

هذا لسان عربي مبين

"This is Arabic tongue plain and clear" (16 - 104)

و لقد يسرنا القرآن للذكر فهل من مدكر

"And indeed we have made the Quran easy to remember. But is there any one who would take heed ? (54 : 41)

Under this verse Mohammad Marmaduke Pickethall, translator of the Holy Quran, writes,

"It is a fact that the Koran is marvellously easy for believers to commit to memory. Thousands of people in the East know the whole Book by heart. The translator, who finds

great difficulty in remembering well-known English quotations accurately, can remember page after page of the Koran in Arabic with Perfect accuracy. (Glorious Quran P. 380)

N.B. Please note that a word may have various connotations without being a homonym, because the term homonym applies to a word in which different roots have coalesced.

- (c) Another point may be noted in connection with homonyms. In the Arabic language words were part of a homogeneous system. They were torn away from the context or weaned away from the mother and they exist in various languages without the system. And hence the controversy about the origin of language.

"Sussmilch held that language could not have been invented by man but was a direct gift from God." (But Herder's 1744—1803) strongest argument against this is that if language had been framed by God and by Him instilled into the mind of man we should expect it to be much more imbued with pure reason, than it is as an actual matter of fact. Much in all existing languages is so chaotic and ill-arranged that it could not be God's work, but must come from the hand of man." (Jespersen, P. 77)

It may also be noted that Herder "After having most strenuously defended this theory of Onomatopoeia, as it is called, and having gained a prize, which the Berlin Academy had offered for the best essay on the origin of language, renounced it openly towards the later years of his life, and threw himself in despair into the arms of those who looked upon language as miraculously revealed." (Science of Language Vol. II P. 398)

It is true that there does exist a chaos and confusion in non-Arabic languages as shown by the above noted and similar homonyms in all the languages. But when these homonyms can be split up into distinct roots the charge of illogicality should fall to the ground.

- (d) The analysis of homonyms by Arabic also proves that it is the source of all languages. Sanskrit or any other language is simply unable to offer a solution of the homonyms which are a riddle to the philologists as shown above.

- (c) Sanskrit—in fact SAM-s-krit—means elaborated and collected. SM عسى to labour + ثم to collect. The formation of nouns as shown above is evidence of the skill expended upon them. Homonyms are evidence of collection. The name Sanskrit is, therefore, fully justified.

The following remarks of the founder of the Ahmadiyya Community are conspicuously noteworthy, particularly with reference to homonyms which exist almost in every language :

و بدلوا الصور بترك السداد حتى جعلوا العذق جريمة واللعل وثيمة -
والويلية - و ظيمة - و الحسنة جريمة - و الضليع حمارا - و الروضة
مقارا - و غادروا بيت الفصاحة انقى من الراحة - و ابعدهم من التلذذ والراحة
و ما بقيت حدائقها - و لا ركيبتها - و لا مروجها و لا نضرتها - و ما برح
يمطر عليها مطر الشدائد - و تتلقاها يدالنواب بالحصائد - حتى رسي متاعها
بالكساد - و بدل صلاحها بالفساد - و اصبحت دارها كالمهويين .

“And they (the languages) gave up the right course and became deformed. So much so, that they substituted a fruit-stone for a palm-tree, a pebble for a ruby, and a condolence meal for a marriage-feast, and vice for virtue, and an ass for a sturdy horse and a desert for a garden ; and the mansion of eloquence became empty like the palm of one's hand, far removed from pleasure and happiness. Their gardens, their wells and their meadows are no more, nor their freshness. Calamities incessantly rained upon the languages and accidents ruined them and dullness of market destroyed their goods and *their soundness changed into corruption*, until their houses look like having been plundered by thieves.”

(Minan-ul-Rehman P. 88)

A deep study of the homonyms noted above shows that these observations are true beyond a shadow of doubt.

A glance at the homonyms noted above will show that they are paradoxical, incongruous and heterogeneous. These self-contradictions have been explained by the component parts supplied by Arabic. Sanskrit or any other language is simply unable to do so. This is another proof that Arabic is the source of all languages and the vastest of them.

Grammar

Sanskrit has nearly 4000, rules of grammar which is a most

complicated technique dealing with interchange of vowels and consonants in order to denote the minutest shades of meaning which have been shaped out by human industry. It is this aspect of Sanskrit which fascinated the European scholars :

“In time they (Hindus) worked out a systematic arrangement of grammar and lexicon. Generations of such labour must have preceded the writing of the oldest treatise that had come down to us, the Grammar of Panni. This grammar which dates from somewhere round 350 to 250 B.C. is one of the greatest monuments of human intelligence. No language has been so perfectly described. It may have been, in part due to this excellent codification that Sanskrit became in time, the official and literary language of all Brahman India. The Indian grammar presented to European eyes, for the first time, a complete and accurate description of a language, based not upon theory, but upon observation. Moreover, the study of Sanskrit disclosed the possibility of a comparative study of Languages. (Bloomfield P. 11)

There is no doubt that Hindus were much advanced in the science of language as early as the fourth century B.C. It is true also that Sanskrit is a comparatively vast and beautiful language. But it must be noted that the beauties of Sanskrit are partly innate but mostly they are the result of human effort. And the above-noted eulogies have been elicited not by the vastness or completeness of Sanskrit but by the technique, ingenuity, labour and industry employed by Sanskrit-grammarians and scholars like Yashk, Panni, and a long line of their predecessors no fewer than 64 and their successor like Katanya, Vartikas, Patanjali, Bhartari, Jayaitya, Vamana and several others. This is what Mr. Bloomfield means by ‘generations of such labour’ etc. The fact that 4,000 detailed rules were accomplished as early as 300 B.C. made the European scholars wonder at the achievements of Sanskrit grammarians. In this respect the contrast between Arabic and Sanskrit is all the more remarkable as a contrast between things natural and artificial.

“And a wonderful feature of Arabic is the fact that it was the language of an unlettered people who never polished it like men of extensive knowledge. They had no share of Greek philosophy ; nor had they the arts of Hindus or the

Chinese. Notwithstanding this, we find that this language surpasses all other language in being able to depict the subtlest of philosophical thoughts and most delicate of human ideas." (Minan, P. 95)

Script

We have already noticed that vowels are a very defective element of script.

The following specimens may be studied in this context :

- | | |
|---|--|
| 1. AKKHA, near
AKKHA, pure | 4. DHAR-man, bearing
DHAR-man, custom |
| 2. A-NAYA, imprudence
AN-aya, ill-luck | 5. SA-mana, equal
sam-ANA, breathe |
| 3. SU-DHA, good position
SU-DHA, good milk | 6. sam-UD-ra, sea
sa-MUD-ra, sealed |

Synonyms

Maxmuller says, "The more ancient a language the richer it is in synonyms. "Arabic is richer in synonyms than any other language. I picked out words for "Running" from 44 languages. Each languages contained 2 to 18 words for running. All of them belonged to Arabic and amounted to about 150 words. Similar is the case with other synonyms in Arabic in contrast with other languages.

Sanskrit possesses only 2000 to 1700 verbal roots and naturally lacks in simple synonyms and cannot be a very old language from this viewpoint too. I am not talking here of compounded and artificial synonyms.

Long Words of Sanskrit

Sanskrit surpasses all languages in forming long words e.g. VARSHA-RITU MASA-PAKSHA- AHO-VELA-DESA-PRA-DESA-VAT (Macdonall's Sanskrit Dictionary P. 271)

The word is composed of 39 letters and means, "stating the year, season, month, fortnight, day, hour, country and locality." The word is composed of 10 Arabic roots. Pandit Bhumanand gives some specimens of long Vedic words at P. XIV of his book :

1. TASMINNANTARAVADADHMA
2. BREHADRINDRAMARKEBHIRARKINAD
3. GAAYTRINORCANTYARKAMARKINAH

Original Roots of Sanskrit

Leaving out the above-noted features of Sanskrit, numerous

original Arabic Trilaterals which have undergone little or no change exist in Sanskrit. And to do justice to Sanskrit it possesses a larger number of such unaltered roots because it is older than many other languages : ومنها الفاظ بقيت على صورتها الاصلية - وما غير وجهها حرهوا جر الغربية :

"And there are some words which have retained their original form and midday heat and sun of the foreign country did not alter their complexions." (Minan P. 91)

و قفل كما سافر بصحة و سلامة

"And it came back as safe and sound as it went."

((Minan P. 93)

I give below some out of numerous such specimens :

*KSHAL, to wash	KSL غسل to wash
KSHOD, hunger	KSD قصد hunger
SOSH, dry	SS شس to be dry
A-KSHI-na, not losing weight	A, not KS خس to decrease (weight)

N.B. In Sanskrit S is often changed into SH. This change is named SHATVA. This sound-shift is found in Hebrew as well.

L ₂ *BHARG, shine	BRG برق shine
*BRIGH-t, shining Eng.	BRG برق shine
KHEDA, fatigue	KD كد fatigue
*AG ni, fire	AG اح to burn (fire)
*A-GAL-pat, not saying	GAL قال to say
*DURG, traverse	DRG درج to walk
HARSI-la, rejoiced	ARS عرس be cheerful
AKARA, sphere	KR كرة sphere
L ₂ ALAS-ya, weariness	LS لهثة weariness
LASSI-tude, weariness Eng.	LS لهثة weariness
*ASA, hope	ASA عسى hope
*STR, cover	STR ستر to cover
an-nis-KIN-tya, inscrutable	KN قن scrutinise
ANTA, end	ANT انتها end
KART-ana, cutting to pieces	KRT قرط to chop, cut to pieces
*SAPA, curse, abuse	SB سب to curse, abuse
GRAS-ana, swallowing	GRS جرض to swallow
DRA, run	DR در run
KUL, family fatigue	KL كل family, fatigue
SASA, to rule	SAS ساس to rule

A very large number of such words exist in Sanskrit as shown in this book. One is left wondering and guessing as to why the

Western scholars who knew both Sanskrit and Arabic did not notice such exact words. The obvious was overlooked.

Antiquity

For a very long time Sanskrit was supposed to be the mother of Indo-European or Aryan languages. But this theory was given up at long last.

1. According to Maxmuller (1823-1900) "No sound scholar would even think of deriving any Greek or Latin word from Sanskrit. Sanskrit is not the mother of Greek as Latin is of French and Italian. Sanskrit, Greek, and Latin are sisters." (Science of language Vol. II P. 426)
2. According to Ellis,
"For the pure science of language to begin with Sanskrit was as much beginning at the wrong end as it would have been to commence zoology with palaentology, the relations of life with the bones of the dead." (Jespersen, Language P. 67)
3. According to Bloomfield,
"The old confused notions of linguistic relationship lived for a brief time in the opinion that European languages were derived from Sanskrit. But this opinion soon gave way to the obviously correct explanation, namely, that Sanskrit, Latin, Greek and so on, were divergent later forms of some *one prehistoric language*." (Bloomfield on Language P. 12)
4. "VEDAS, the sacred books of the Hindus, the oldest of which originated not later than 1,000 B.C. and probably considerably earlier."

(Encyclopaedia of Universal Knowledge P. 1073)

"The ancient list of verbs (dhaatupaatta) gives some 2,000 Sanskrit roots from which all the words of the language are derived." (Ecclesia Divina P. CXLI)

In any case, Sanskrit is a very beautiful, thought-provoking and scientific language. And it is gratifying to note that in recognition of the sanctity of Sanskrit and its vast literature the constitution of Bharat has included it in the national languages of Bharat.

PART II

Sanskrit Traced to Arabic

TRILITERAL FORMULA

On removing the vowels 3 consonants remain. Pronounce them with Arabic vowel-points (اعراب). MUZAIF i.e., an Arabic word in which the second letter is pronounced as a double letter is also a trilateral. Some words falling under other formulas had to be taken in this list.

- | | | |
|--|--|--------------------------------|
| * PR-am-ISH-war, supreme lord | PR فرع to overtop | IS عز be master |
| L ₂ * BHARG-ad-RISH-ti, hvq. | BRG برق shine cog. w. BRICH-t | RS رصع to wound w. spear, nfv. |
| * A-KAL-ya, not to be guessed | KAL خال imagine | |
| A-KARP-anya, not self-abased | KRP قرف to be loathesome | |
| * A-KUDHR-yak, aimlessly | KDR قدر to appraise, measure, A not | |
| * KSHAL, to wash | KSL غسل to wash | |
| * A-KSHAL-ita, unwashed | KSL غسل to wash, A, not, ta sfx. | |
| * VARU-na, god of truth | BR بر be truthful | |
| A-KUL-a, low-born A-low. | KL كل family | |
| L ₂ A-KSHI-na, not losing weight | KS خس decrease (weight) كاستن | A, not |
| A-KHEDA, without fatigue | KD كد fatigue, exertion | |
| * ADESA, statement, report | ADS حدث to relate an event | |
| A-GRIDH-nu, liberal | GRD غرض long for, A, not | |
| * AG-ni, fire | AG اج to burn (fire) | |
| * A-GAL-pat, not saying | GAL قال to say | |
| * DARPA, arrogance d/t | TRP ترफ render inordinate, insolent | |
| UP-as, bosom | UB عب breast | |
| ن BOS-om (BOOZ-m) breast Eng. | BZ بز breast M. sfx. | |
| BHARA, burden | BHR بهر to overburden | |
| L ₂ AKATU-ka, assiduous (sitting) | AKT اكدت to sit down | |
| غ SQUAT, sit down Eng. | S-QT اكدت sit down | |
| A-KANYA, no longer a maid | KNY قنى to preserve modesty, be kept indoor A, not | |
| * AKALI-ta, unknown | KAL عقل to understand | |
| | | عقل knowledge |

* A-KLI-shta-kara, indefatigable	KL	كل fatigue A, not
* A-KLI-shta, not worn out A, not KL	كل fatigue	
* KUTA, edge (point)	KT	قط point of nib
KSHOD, hunger	KSD	قصد hunger
A-KSHODU-ka, not hungry	KSD	قصد hunger A, not K sfx.
* AKSH-anya, across, far off	AKS	اقصى remove far away, قصاً bank
A-KULA-GA sprung f. A, low	KL	كل family
low family (GEN) beget	GN=ZN	ضن offspring ضنى beget
* DHRAJ, to go	DRJ	درج to walk
* A-GAR-va, free from pride	GR	غرر to deceive oneself غرور vanity
AGARA, house	AGR	عقر house, palace
* ati-TAR-vin, conveying across	AT	عتا to exceed TR طرة shore, bank
OOSH, diseased, disordered	OSH	هش be languid, broken, weak
* DHOOP, heat	DP	دف warmth
NADDH-A, fastened D/T	NT	نط to fasten
MADA, excitement	MAD	ماد to be convulsed, to move
A-GA, not moving=mountain	GA	ججا to walk A, not
A-GA-AG-ra, mountain top. prec.+AG		اوج top
HARSU-la, rejoiced	ARS	عرس to be cheerful
HASI-ta, langhter	HAS	هاشأ to joke
* KADAR-ya, miserly D/T	KTR	قتر to live scantily
HARISH-ta, rejoiced	ARS	عرس to be merry, cheerful
KAS-A, lustre	KAS	غات to shine
L ₂ * AD, eat, AD-man, feed	AD	عض to bite with teeth
AD, eat, gnaw (Greek)	AD	عض to bite with teeth
H ₂ * adhi-IS-a, chief, lord, dominion	IS	عز be powerful وسع dominion
ARDHA, half (cf. شق side, half)	ARD	عرض side (cf. شطر side, half)
AKARA, sphere	AKR	كرة ball الكرة sphere, globe
* adhi-ASA, placing upon	AS	اس base, ADHI, upon
* AN, to breathe N/R	AN=AR	اراح to take breath
an-ati-par-KASA, not highly illuminative	N	نهى not عتا to exceed ورا beyond
* API, friend	AB	حب friend
AR ya, noble	AR	عري to be free, exempted حر fre
VAKA-ka, talkative	VK=BK	بق to talk much, display
VAK-SAL-ya, word thorn	prec.+SL	سلاة thorn

DEH, concealer of soul=body	DH	دح conceal
* VARA, conceal=body	VR	ورى coneal
* KAUSH-ta, in store=body	KSH	غشى conceal
* KELAVA, body	KLF	غلاف cover
* SAR-ir, body	SR	اسر conceal
* KET-ana, body shelter	KT	غطا conceal
PIRTHU-I, wide (earth)	PRTH	فرطح to widen

ق تعه ارض الله واسعة - وهو الذى مد الارض - الارض كيف سطحت - الارض بما رحبت - و الارض فرشناها - فنعيم الماهدون - الارض بساطاً - و الارض بعد ذلك دحها و الارض و ما طحها -

All these Quranic verses describe earth as wide and vast. The word has its kins in Arabic viz., فلطح to flatten, فطح to enlarge, to flatten, بطح to spread, to flatten فتح to open بط to cut open بلمطح to flatten (a round th.). "An ideal language would always express the same thing by the same and similar means. Sound and sense would be in perfect harmony." (Jesperson P. 422)

* ASA, hope	ASA	عسى hope
* ana-STRI-na, uncovered	STR	ستر to cover
* ISTR-I, woman	STR	ستيرة chaste woman gfp.
* A-ni-KSAIP-ta, not laid aside	KSP	قذف to throw A, not, NI pfx.
* an-apa-KRI-shta, not degraded	KR	خر to fall down
an-AMI-va, diseaseless	AM	هم to waste (body-disease)
* an-ARDHU-ka, not fulfilling wishes	ARD	اراد to desire
an-ALAS-A, not idle	LAS	لاث to be slow طعثة weariness
an-ALPA, not little	LPA	لفاء a little
* an-ava-PRIG-na, undivided	PRG	قرق to separate, set apart
an-nis-KIN-t-ya, inscrutable	KN	قن to scrutinise
an-ISH-ta, displeasing	ISH	هش to rejoice+N نهى not
* an-IRSH-ya, not jealous	IRS	حرص to covet
* an-IS-A, not mastering	IS	عز to gain mastery over
* an-IS-vara, lordless	IS	عز to gain mastery عز power, glory
* ANU, afterwards	AN	عن after, particle of succession
H ₂ VRDH, cut, fill	FRD	فرض to cut FRT افراط overfill
ANU-KULA, towards bank	AN	عن for KL كلا bank of a river
* ANU-APA, shore	APA	حافة border, side
* ANTA, end	ANT	انها end

APA, off, away	AB هب to be away
APA-ha, removing	AB هب to be away
L ₂ AP, water, nfv.	AB عب to drink (water) آب water Pers.
KART-ana, cutting to pieces	KRT قوط to chop, cut to pieces
A-PAT-I, unmarried	BAT بات to marry
A-PATI-ka, wifeless	BAT بات to marry A, not
A-PADA, footless A, not	PD قد to tread nfv.

N.B. نذر tread heavily وفد come, reach افد to hurry خفد to walk at a quick pace حفد to do a th. speedily عند to jump on both feet. Senses have been graded by slight variation of similar letters so that these words are kins.

* apa-VRA-ta, disobedient v/b	APA, not BR بر to obey a.o.
a-pra-KAS-A, not light	KAS غاث to shine
a-prati-SAS-na, subject (A, not to no other authority	PRA=VRA ورا beyond i.e. other SAS ساس to rule
* a-prat-ISH-ta, having no foundation	IS اس foundation
L ₃ APS-a, face bosom	BS بزة shape, figure بز bosom
BOS-om, breast	Eng. BS بز breast, nipple, teat
Pis-tan, bosom	Pers. BS بز breast, teat (stan sfx.)
A-BHIT-ti, non-fracture (crack)	FT فت cleft
* SAPA, curse	SB سب to curse
BROOS, kill	FRS فرس to kill
BUS, discharge, emit	BS بفض flow scantily, ooze
* SARAP, curse (R)	SB سب to curse (intrusive R)
* abhi-SAPA, grave accusation	SB سب to slander a.o.
A-BHEDA, non-separation	BD بد to separate
* DHAB-ya, destructible d/t	TB تب to perish تبيب destroy
AN-ATI-KRIKKH-rena without great hardship	N نهى not عتا great KRK قراقة hard labour
* abhi-SAR-a, companion	B ب with SAR سارى accompany سار go
* abhi-SAR-in, going	SAR سار to go
L ₂ * abhi-SARA, attack	SAR سار to assail, assault
H ₂ * SOR-tie, sally, go, especially sally of beleaguered garrison	Eng. SOR سار to assail, to go, rush upon سار to scale, to climb (a wall)

* A-BHRI-tya, disobedient	BK بر to obey A, not
DHAK, destroy	DK دك destroy
SIC. shake off	SK سغ shake
* A-MAR-a, immortal, god A, not Mr سر to pass, elpase	
* A-MARA-man-ya, thinking himself God prec. +MN من to think	
SABA-la, mixed	SAB شاب to mix
A-MAR-a, not killing	MAR مار to shed blood
* A-MRI-ta, not having died	MR مر to elapse (euphemism for dying)
A-ML-ana not withered	ML مل be wearied
* ARK, adoring	RK ركع bow down in prayer. cf. BHAG-ti, bow
H ₂ VI-ALIKa, lying+grief	ALK التى to lie عواقب misfortune
VAD, speak (VAT, TAV)	BD بضع to be clear, plain (speech)
H ₃ ARAN-ya, forest desert	ARN عرين forest عرا desert
ARAN-ya-OK-as, forest dweller	ARN عرين forest OK عكى dwell
ava-KART-a, cutting off	KRT قوط to chop+ava, off
L ₂ ava-KRAYA, leasing	KRY كراء to hire
HIRE Eng.	H/K HR=KR كراء hire
N.B. SKT. being older has preserved K which has passed into H in English Dutch and German.	
* A-SAR-an, unprotected	SR سر to conceal A, not
A-SOS-ya, not to be dried	SS شمس to dry
A-SAM-an-ya, uncommon	SM سم to be common
* A-STRi, no woman	STR ستيرة chaste woman A, not
KUL, family	KL كل family
A-KAS, clear space	KSH كشح to clear away clouds, be serene (Sky)
ITHAR-ya, flickering	ITR عتر to quiver
KRDHU, short	KRD قرد short (قصير)
* ASKARDHU-YUH, short life (S)	KRD قرد short Y حى life
H ₂ * AKSHEPA, throwing off, abuse, quivering	KSP قذف to throw, abuse KSHP=SPK صفق to flap (wings) bird
A-KROSA, revile affront	KRS قرص to pinch, prick in words
* A-KSHEP-tri, rejecter	KSP قذف to throw cf. ور to throw, to reject. Throwing is rejecting.
* OJAY, be strong	OJ=OZ عز be strong
L ₂ * VRAK-sa, tree ركه Hindi	VRK وارقة leafy (tree) ورق put forth leaves (tree)

L ₂ AGRATH-ana, to gird	t/d GRD	غرض girth
GIRD Eng.	GRD	غرض to bind girth
A-GHATT-ana, stroke, blow	GHT	تخط to strike violently
L ₂ NICA, below नीचा	NK	نخ stoop, lower the head
ATI-NICA-is, too obsequously	AT	تتا exceed NK نخ stoop
ATOPA, inflation, pride	ATP	اطف to fill (transf.)
a-TARA, crossing a river	TR	طر to pass by طرى pass over
H ₂ a-DARA, regard, care	DARA	داری to take care of دهر care
* ATI-ANTI-ka, lasting to end	ANT	انتها end AT حتى till, until
* a-DHOR-ana, driver	DR	دحر to drive away
* AN-ANT-ya, endless	N	نهی + ANT انتها end
AN-ANTAR-ya, no interval	TR	واتر to act at intervals (N)
* A-ANT-am, to the end A, to	ANT	انتها end
APAS(AP) water	AB	عب to drink (water) nfv.
AP-tya, dwelling in waters	AB	عب to drink nfv.
L ₃ * ABDI-ka, lasting	ABD	ابد to last
* ABIDE, to last Eng.	ABD	ابد to abide, last آباد Pers
a-BHA, lustre	BHA	بها to shine
AM-ya (AM) sickness	AM	هم to waste (body—disease)
AMA-VAS-ya, referring to	AMA	ایما sign VS وضح
new moon		moon cf. بصر shine
H ₂ BHAS, shine, censure, reprove	BS	بصر shine ابرس reprove
a-BHASA, lusture	BS	بصر to shine
* AYU-SE-sha, remnant of life	AY	حی life S اسی to leave
* AYU-sha, life	AYU	حیی to live (not عاش)
BHASHA, speech	BS	بث to divulge a th.
A-SAU-VAR-na, not gold A, not	S	صح well VR=FR فری
i.e. not shining well		shine (not SFR صفر gold)
H ₂ ARAN-ya, living in forest,	ARN	عربن forest+عرا desert
desert		
L ₂ ALAS-ya, sloth, weariness	LAS	لهثة weariness لاث be slow
LASSI-tude, weariness Eng.	LAS	لهثة weariness
VAS, to shine	BS	بصر to shine
* A-SAGGA-mana, unhesitating	SK	شك doubt, hesitation
* a-SAPT-ama, up to 7	SBT	سبت 7 days
H ₂ SAD, hit, reach	SD	سد hit the right point سدی
		repair to
* ASI-ta, sitting	AS	اس basis
* ASI-ka, to turn to sit	AS	اس base

* ASI-na, sitting	AS	اس base
H ₂ * AS, to sit, dwell	AS	اس base عاش to live
L ₂ As-a, ashes	AS	اس ashes
ASH, Eng.	AS	اس ashes
H ₂ * ASA, seat, nearness	AS	اس basis عسلى near
* ASA-na, sitting	AS	اس basis اس to ground a th. اس basis
VAS, resist	VS	وعث hinder, withhold
ASK-ra, united	ASK	عسق to stick to
* a-SARVA, flow v/b	SRB	سرب to flow
a-HASA, low laughter	HASA	هاشا to joke (a, low)
H ₄ * ISH, juice, draught, strength,	IS	عص to press عز be strong
comfort, food		اسا to console هاس to eat عيش food
H ₂ ISH-A, juicy, fat	IS	عص to press عسو thick
L ₂ UK-KUSH-ka, dried up	KSH	قش to be dry خشك
		KHUSH-K Pers.
ut-TAR-ana, passing over	TR	طرى to pass over
* ut-TITIR-SH-U, wishing to	(T)TR	طرى to pass over
cross		(reduplicate) شاء wish
* AG-ni-KET-U, fire betokened	AG	اج burn fire KT خط mark
* ut-SARP-ana, rising	SRP	شرف ascend on a height
* ud-DARPA, haughty d/t	TRP	ترف to render inordinate
ud-BHAS-in, resplendent	BS	وبصر to shine
upa-KROSA, reproach	KRS	قرص to pinch in words
L ₂ -KSHA-ya, decrease	KS	خس to decrease كاستن
* -KSHEPA, mention	KSHP	كشف to disclose
upa-ni-KSHEPA, deposit	KSHP	دشف to be concealed
US-ana, joyously	US	هش to be cheerful
H ₃ 1. USH, to burn	HSH	حش to kindle fire
2. USH-man, heat	HSH	حش to kindle fire
3. USH, break of day, dawn	USH	اشع to spread its rays (sun)
AUPAL-a, made of stone	ABL	اعبل granite (hard stone)
L ₂ KATT, heap, accumulate اکٹھا	KT	قت to collect little by little
L ₂ * KATU-ta, pungency	KT	قاطع pungent, sour (KHTTA, Hindi)
* KATU, pungent	KT	قاطع pungent
KAPA-ta, fraud	KB	خب to deceive
L ₂ KART-ana, cutting off	KRT	قرط to chop
CURT-ail Eng.	KRT	قرط to curtail
KALU-sh-ya, to grow dim	KL	كل to become dim

* KAL-A, small part	KL قل to be small
* KALP-aya, to be imagined	KLKB قلب to ponder over
KAL-ya, healthy	KL قلة health
H ₂ KAL-yana, welfare, lovely	KL قلة health خلة sincere love
H ₂ KASH rub, scratch	KSH قش to rub وقس to scratch
* KAS, beam, burst open	KS=SK شق to glcam (dawn), to split
KAKA, crow	KAK قعق crow قاقا to croak (raven)
H ₂ KATAR-a, apprehensive	KTR خطر suggestion, danger
KATA-ra, cowardly	KT قعط be a coward
KATAR-ya, apprehension	KTR خطر to occur to a.o. (thought)
L ₂ * 1. GANGA, treasury GANJ	KNG=KNZ كنز treasure
Pers.	
2. GAN-GA, swift goer (n)	GA جعا to walk G وج be swift
H ₂ KAS, shine, be visible	KAS غاث to shine قشع to see
H ₂ KAS-a, a kind of shining grass	KAS غاث to shine+غيث grass
KASH-a, rubbing	KSH قش to rub
L ₂ KHALA, dry	KHL قحل to dry up
SKELE-TON, dried up (Greek)	(S)KL قحل to dry up
* KIL-A, pin	KL خل to pin
KIN-KIN-I, small bell	KN غنة twang, gentle voice
KALA, indistinct, dumb	KL كل become dim (sight) become blunt (tongue)
BIR-I, monkey (HAUSA)	BR باري imitate
* KIS-A, monkey (name after habit)	KS قص to follow i.e. imitate skt.
* KAP-I, monkey (name after habit)	KP قفا to follow i.e. to imitate Eng.
* DRAV-ya, wealth (v) (not ترفقة) cf. دال to change, whence	DR در to flow (i.e. change hands) دولة government, state, change
* KUB-GA, hunch-backed g/z	KB اكب to bend downwards Z حاذ back
* KUBH=KUMBH, be curved (M)	KB اكب to bend downwards قبا bend
KURAN-ga, antelope nv.	KRN قرون galloping animal قرون to gallop
H ₂ * KAPALA, part, half	KPL نكفل part نكفة half
KAR-ka, white	KR غر to be white

KASH, to sound	KSH وقش voice, sound
H ₂ KASH, go, punish	KS قش go away قاص punish
* KU-RASH-ya, bad secret (H) k/s	RSرس to conceal KU=SU سوء bad
KULA-la, potter	KL قلة cup, jar, pitcher
L ₂ KAS-a, going	KS قش go away
KOOCH, go Hindi	KS قش go away
KULI-ka, relative	KL كل family KA, belonging to
KULI-na, of good family	KL كل family
H ₂ KESA, hair, tail	KS قصة lock of hair قص to follow
KESA-AG-ra, top of hair	KS قصة lock of hair AG اوج top
* KES-in, long haired	KS قصة lock of hair
* KESA-va, long haired	KS قصة lock of hair
KAITA-va, false. KAUT-A, false	KT قت a lie
A-sam-SKARA, lack of adornment	SKR زخر to adorn
* KU-SRI-ti, bad path K/S	KU=SU سوء bad SR سار go nfv.
KRIKH-ra, distressing, severe	KRK قرانة hard labour
KOLA-HALA, clamour, cry	KL خال to thunder هل to cry
KAUTIL-ya, deceitfulness	KTL ختل to deceive
KAUL-a, relating to a family	KL كل family
KAUS-a silken	KS خز silk
* KRAK-aka, a saw	KRK خرق to tear off nfv.
KRIVI, water skin v/b	KRB قربة water-skin
* KLATH, turn t/d	KLD تلد to twist upon
* prati-KUL-ya, unfriendliness	KL خل intimate friend+ not
KLA-V, faltering, unsteady	KL قلع to totter, be unsteady (not قلوب)
KRID, play, dally	KRD اخرد to be fond of play
KSHAP, to practise mortification	KSHP قشف to lead a painful life
H ₂ *KSHAP-ana, naked mendicant	KSHP كشف to uncover+prec.
KSHAP, night	KSP غسف darkness غسف become dark (night)
L ₂ *KSHAP-ISA, lord of night, moon	prec.+IS عز to overcome, be master
SHAB, night (SAPA) Persian	SP=KSP غسف darkness (K lost)+ غسف
* KSHIP, to throw, abuse	KSP قذف to throw, abuse
* KALMA, reed	KLM, قلم reed
KLA-m, fatigue msfx.	KL كل fatigue
KHAT-KHAT-ya, to crackle,	KTKT قطق to cluck (hen), hiss to drizzle

L ₂ KHAR-I, she-ass KHAR	Pers. KR کر ass (feminine I)
KHARA-ya, behave as ass	KR کر ass cf. كراع ass, mule, horse
1. KHID, feel languid (weak)	KD قدح to weaken
2. KHID-ra, gimlet	KD قدح to perforate nfv.
KHEDA, weariness	KD كد weariness
L ₂ GARDHA, greed, eagerness	GRD غرض to long for, craving, selfish aim
GREED	
* GARBHA, womb (containing within) pregnancy	KRB كرب load اكرب to fill up
cf. حمل load pregnancy	بار load, pregnancy (Persian)=بهر
1. GRAS, swallow	GRS جرض swallow
2. GRAS, seize w. mouth	GRS=ZRS خرس bite strongly
GRASA-na swallowing	GRS جرض to swallow
H ₃ * GUR, pleasing, threaten, assault	GR قر rejoice قرع upbraid كرة charge of war
GUNA, rope	GN تنة strand of a rope
* GURVI-ni, pregnant woman	KRB كرب to load اكرب to fill
GRIT-as (GRIDH) eager	GRD غرض to long for, crave, self- aim
GRIDH-ra, greedy, vulture	GRD غرض to long for, crave, great desire
L ₄ * GRIBHA, haft handle	GRF غرفة handful
* GRIBH-ya, grasp, seize	GRF غرفة handful
L ₃ * GRIP, handful Eng.	GRP غرفة handful
* GRASP, seize (S) Eng.	GRP غرفة handful
* GRAPP-le, grip Eng.	GRP غرفة handful
* GROPE, grasp Eng.	GRP غرفة handful
* GRIF-tan, to grip Pers.	GRF غرف to take w. the hand
* GRIBHA, containing	GRB اكرب to fill
H ₂ * GRIDH, to be eager, stride out	GRD غرض to long for GRD=DRG درج to walk
H ₂ GHURA-GHURA, rattle, snort	GRGR غرغرة rattle خرخر to snore, rustle
L ₄ GAUD-A made of sugar كيانند قند	GD قش sprinkie (food) w. sugar nfv.
CAND-Y, sugar (KHAND) break Eng.	KD قش crackle, sprinkle w. sugar (N)

H ₃ GAUR-a, whitish, yellowish, reddish	GR غر be white قره be jaundiced غرى red
GRAS-a. swallow, eclipse	GRS جرض to swallow (transf.)
* GLAP, distressed	GLP كلفة trouble, constraint
L ₄ GHRISH, scratch Skt.	GRSH خرش to scratch
SCRATCH (KRATS-en) Eng.	KRS خرش to scratch
KHARASHI-dan, scratch Pers.	KRSH خرش to scratch
KHURACH-na, to scratch, Hindi	KRS خرش to scratch
L ₃ * KATUR, four, t/d etym. doubtful	KDR قادر to commensurate to (transf.)
* QUADRA, four, conform Eng.	QDR قادر to commensurate to
KATUSH-ka consisting of 4 S/R	KTS=KDR قادر to commensurate to
KATUL-ya, walk delicately	KTL خاتل to approach stealthily
KAPA, bow	KB قبا to bend nfv.
* KAP-ala, frivolity, indiscretion, speed	KP خف to be light-minded, brisk, swift, to rush
* KIT-ra, vareigated	KT خط streak, mark
* KIT-ra-ka, leopard	KT خط streak (streaked nfv.)
H ₂ GOAD, urge, arrow-head Eng.	KD كد urge قدح arrow
H ₂ KODA, goad, whip	KD كد to urge (a beast) قد whip
KOD-ana, urging, impelling	KD كد to urge
KIRI, cricket	KR قر insect
L ₃ KURU, worm skt.	KR قر insect
KIR-m, worm Pers.	KR قر insect
غ CRI-cket, insect Eng.	KR قر insect
H ₂ KUSH-ana, fester, sucking	KS غث to secrete (wound) قث to pull out
DINDIMA, drum, murmuring M/N	DNDN دندن to mutter, buzz
* USNI-sa, turban f. (SNAY) wrap round	SNY ثنى bind, fold, wind cf. عم wind عمامة turban
TAK-SH, hew	TK (SH) تك to cut
TAK-sha, cutter, carpenter	TK تك to cut
L ₂ * HONT, lip Hindi (N)	HT=ST شط margin
* OSH, lip, edge Skt.	SHT شط bank, margin
H ₂ TARA-ka, put across	TR طرى to pass over
L ₂ TARA-ka, star	TR طر to shine (star)

STAR	Eng.	nfv. (S) TR	طر shine (star)
*TARA-ka-RAGA, king of stars=moon prec+RG			عرج to ascend dominate
TARA-RAM-ana, star-lover=moon TR		طر shine (star)	RAM رام desire eagerly
TAR-ana, cross over		TR	طرى to pass over
TARI-ka, toll at ferry		TR	طرى to pass over=ka sfx.
* TAR-unya, freshness		TR	طرو to be fresh
TAR-tiya, of third		TR	وتر odd No.=3
TAR-ya, to be crossed		TR	طرى to pass over
TAR-u, boat		TR	تار to flow (nom, U)
TUNA-va flute		TN	طن to ring, buzz nfv.
TUSHAI-ka, tacit, silent		TS	طس to silence
L ² TUSH-n-im, silently		TS	طس to silence
TAC it, silent	Eng.	TS	طس to silence
re-TIC-ence, silence	Eng.	TS	طس to silence
TVANG, leap, gallop (N) v/b		TBG	طبق to leap in running (horse)
* TVACH, to cover	v/b	TBK	طبق cover
L ₂ TOLE-r-ate, lift	Eng.	TL	تل lift (weight)
L ₂ * TAUL-ya, weight	Skt.	TL	تل to lift (weight) nfv. تولنا
H ₂ TRI, cross, traverse		TR	طرى pass over طر pass by
* DIP, throw		DP	دفع repel, discard
* DARP-ana, causing pride=		TRP	ترف to render inordinate mirror
DRA-va, running, fluid		DR	در to run, flow
* DRAP-sa, flowing (DAR)		DRP	ذرف flow ↑ در flow
DIP, gather		DP	ضف collect
DRAM, run		DRM	درم run w. short steps cf. در run
DRA-va-ta, fluidity, wetness		DR	در to flow, to stream (sweat)
DRA-v-ya, run, flow		DR	در run, flow
DRA-vi-na, moveable goods,		DR	در to run i.e. moveable things property
DR-U, moveable		DR	در to run, flow
DRA, run		DR	در to run
DRA-K, running to		DR	در to run
H ₂ DRU, run, hasten		DR	در to run حدر hasten
DRU-ta, rapidly uttered		DR	در to run

DRU-ta-GA-ti, swift paced	DR	در run i.e. be swift	G ججا walk
L ₂ * DAM, house (سكن و ثبت)	DM	دام to last (cf. ABODE ابد to last)	
H ₂ * DOME, house, building	DM	دام to last + دعم to prop (a wall)	
H ₂ DHVRI, bend, fell,	d/z	ZVR	زور to incline
destroy		DVR	دهور pull down (a wall)
* DRU-ti, melting, emotion	DR	در to flow	
DRU-ma, tree	DR	در become luxiriant (plant)	
L ₃ * ABD-A, lasting	ABD	ابد to abide, last	آباد
L ₂ * DRAGHA, delay, prolong	DRG	ادرج to pull slowly cog. w. drag.	
NAT, dance (jump, skip)	NT	نط to leap, run, frolic	
H ₂ * NAD, resound, cry	ND	ندى to re-echo, ندا voice, call	
* NAD-a, roarer=bull	ND	ندى to re-echo ندا call	
DHAN-us, bow	DN	دن be crook-backed i.e. bow	
DHAN-van-TRI, moving in arc	pre. + TR	طر to pass	
DHAN-vanya, archer	DN	دن be crook-backed nfv.	
* DHAR-a, torrent	DR	در to rush (torrent) ↑	
(DHAV), run, flow	DN	عدوا run ودى flow (wrong roots)	
DHARA, edge, blade	d/z	DR = ZR	زج edge of a sword ↑
(DHAV) cleanse, rub	d/z ↑	DV	وضو to be clean (wrong root)
* DHARA-DHARA, cloud, rain	DR	در to pour down rain (sky)	
* NARA-ka, hell	NAR	نار fire ka sfx.	
* NAVA-SITR-I, newly wedded	NF	انف new, STR	ستيرة chaste woman
NAT-aka, actor, dance, play	NT	نط to leap, frolic	
NAT-ya, dance	NT	نط to leap, frolic	
NATI-ta, mimic		(transferred f. prec.) i.e. mimic- dance	
ni-KASA, sight	KS	قشع to see	
NISHKA, neck-ornament	NSHKA	نشقه neck-band	
DRUH, bear malice, hatred	DRH	دره to loathe, hate (نكف وتنكر)	
H ₂ ni-KASHA, scratch, rub	KS	وقس to scratch قش to rub	
* ni-KRI-ta, (KRI) fraud	KR	غر to deceive	
NIKSH, pierce	NKS	نعز نكز to prick	
ni-KSHEPA, throwing on, cast	KSP	قذف to throw, cast -ni pfx.	
H ₂ * ni-KHAN-an (KHAN) bury, hide	KN	قنى to dig كنى to conceal	
ni-GADA, fetter	GD	قيد fetters	
ni-GADA-ya, fettered	GD	قيد fetters	
H ₂ DRIP, be glad, be proud	d/t	TRB	طرب joy ترف render inordinate
ni-KAMA-na, sipping	KAM	قمح to drink (milk-wine)	

nir-GHARSH-ana, grinding	GRSH جارشة to grind	جاشة
		hand-mill
* nih-SA KHI-kri, deprive of branches	SK شق side, part of the whole	i.e. branch
* ni-SHED-dhavya, be restrained	SD سد to stop	شد bind tightly
nish-KULA, having no family	KL كل family	
* ni-ASA-na (AS) set down	AS اس basis	
* ni-AS-ya, laid down	AS اس basis	
L ₄ PAK, cook, boil, bake (T lost)	BK=TBK طبخ cook, boil	
PAK-na, to be cooked, boiled	BK=TBK طبخ cook, boil (Hindi)	
BAKE, harden by heat	Eng. BK=TBK طبخ cook	
PUKH-tan, to cook	Pers. BK=TBK طبخ to cook	
PAT, slit, open, split	BT بط to cut open, slit	
H ₂ PATTA, plate, bandage, cloth	PT فطح flatten	عفت to twist a thing.
CLOTH (KLIED), VES-t	Eng. KLD قلد twist, wind upon	VS وشع wind
H ₂ PATTI-ka, plate, bandage	PT فطح to be flat	عفت to twist
cf. PLATE, flat dish	Eng. PLT فطاح to flatten	فطاح flat
* ATI-KARAN-ya, too long time	AT عتا exceed	KRN قرن time
* PATH, declare, read aloud	PT فتح to reveal, inform	
* PAT, be lord of, have power	PT فتح conquest, victory	
PAT-a, flight	PT هفت to fly	
PAT-at, flying, bird	PT هفت to fly about	
PATA-TRA, wing, feather	PT هفت to fly	TR طرة side
PAT-ana, flying	PT هفت to fly	
H ₃ PAT-aya, fly along, strike, open	PT هفت to fly	هبت to strike فتح to open
PATA-ka, flag	PT هفت to fly	nfv.
H ₂ * PAT-i, owner, master, ruler, husband	PT فتح conquer+	بات marry
PATI-ta, flight	PT هفت to fly	
H ₂ PAT-ana, cutting, cleaving, ripping	BT بت to cut	بط to rip open
PATA-ka, divider, section	BT بت to cut	
PAD-A, goer, foot	PD فد to tread	nfv.
PADA-DHAV-na, washing foot	prec. + DV وضو to be clean	
PADA-AG-ra, tip of foot	prec. + AG اوج top (hence tip)	
* PADA-ANTA, tip of foot	prec. + ANT انتها end, limit	
PAD-U, foot place	prec. i.e. foothold=place	
PARUSH-ya, spotted, dappled	BRSH بریش spotted, dappled	

PARSH-ta, of spotted deer	BRSH بریش spot on skin, motley	
PUTH, bruise, crush	PT فت to bruise, crush	
PRIS-ni, spotted, dappled	BRS بریش spotted, dappled	
PRISH-at, spotted, dappled	BRSH بریش spotted, dappled	
PRISH-at-a, spot, drop of water	RSH برش spot on skin, (similic of drop)	
PAISU-na, slander, tale-bearing	PS فش to scatter slanders among	
prati-KSHAP-am, every night	KSP غسف darkness	غضف dark (night)
* -KSHIP-ta, repudiation	KSP قذف to throw+away	
* -SHEDDAH-avya, to be restrained	SD سد to stop	شد bind tightly
-PIT-sa, desire to obtain	BT بت to achieve	S شاء to wish
-SOSHA, dryness	SS شس to be dry	
-SVA-na, sound, noise	SV صو echo	
-HRISH-ta, rejoiced	ARS عرس to be cheerful	
* pra-MATHA, tugging	MT مط to stretch, strain	
L ₂ * pra-AN-ana, respiration (AN)n/rAN=AR	اراح take breath	
* ANI-m-al (AN) breath (Latin)n/rAN=AR	اراح take breath	
* pra-N-in, living, breathing (AN) AN=AR	اراح take breath روح life	
* pra-ANTA, extreme end	VRA ورا + ANT انتها end	
* pra-DRA-va, fluid	DR در to flow	AVA sfx.
pra-BAL-ya, ascending l/r	BL=BR برع ascend	
praya-SAS, as a rule	SAS ساس to rule	
PHAT, crack	PT فت cleft	
PRATH-ma, first	PRT فرط arriving first	
PRITH-ak, directed widely	PRT فرطح to widen a th.	
bi-BHIT-SA, desire to pierce	BT بط to lance	S شاء desire
BAKABAKA-ya, croak	BKKB بقبق to prattle, to gurgle	
BHAS, lustre	BS بص shine, gleam	
BHIT-ta, fragment, section	BT بت to cut	
BIT-ti, splitting	BT بط to split	
BHU-yas, larger, abundant	BH بهی to enlarge	
L ₂ MUS-t, heap up, gather	MS حمش to collect cog w. AMASS	
MRIDU, soft, lenient	MRD مرد to soak, soften	
MUKUTA, tiara, diadem	MKT منعت turban (cf. تاج crown, turbau)	
* MRI, die, depart	MR مر to pass, clapse (euphemism)	

* MRI-ti, death	MR سر to pass across
* MYAKSH, be fixed, dwell, exist	MKS مكث to tarry, stay, abide
MRAK-SH-ana, anointing	MRK مرخ to anoint
PROTH, be match, be full	PRT فرط outpass افراط overflow
MRID, rub, soften	MRD مرد rub, soften (صقله، لينه)
MRAD-as, softness	MRD مرد soften
MLA, grow weary, fade	ML مل be weary of
MLA-na, faded, lassitude	ML مل be weary of
H ₂ RAMH=RANGH, run, flow (N)	RG عرق run راق flow
MAHAS-vat, brilliant	MHS محص to flash (lightning)
BHISHAG (abhi-SAG) to plaster, attach	SG سحج to plaster, to coat
RAGGU (RASG) bind	RSG رسغ to tie
RAPS, extend forth	RPS رفسح to expand
RAT, cry, shout	RT رط to shout
RAT-ana, shout of applause	RT رط to shout
RAT-RATA, croak	RT رط to shout
RATI-ta, cry	RT رط to shout
RAN-at-kara, jingle, hum	RN رن to resound, twang, tinkle
H ₃ RAN, gladness, joy of fight, combat, oppose	RN رنى to delight رنا sound, delight ورن to be opposite, to match
RAN-va, pleasant, lovely	RN رنى to delight (beauty)
H ₂ RISH, be hurt, injure	RSH رش painful blow هرس to bruise
RASI, heap, pile, mass	RS رص to stack (stone) to heap
* REG, quiver, tremble	RG رج to quiver
REBHA, shine b/f	RF رف shine
RUMSH, covered w. dust	RMS رمس bury, cover رمس dust of grave
* RUPA, appearance, trace manifestation, sort, kind	RP عرف to know, inform define, point out
L ₂ LASH, desire, long for	LAS لاس be fond of
LALACH, coveting Hindi	(L)LAS لاس be fond of (reduplicate)
VALG, gallop, leap	VLG ولقى run of a she-camel
* VRIDDHA, old v/f	FRD فرض to be old
VALG-U, lovely, handsome	VLG=BLG بليج jovial, cheerful, bright
* VI-KALPA, hesitation	KLB قلب ponder over, change
* VIK, separate f. v/f	FK فك to separate
vi-DRA-va, flight	DR در to run

vi-DRU-ma, peculiar tree	DR در become luxuriant (Plant)افى,
vi-SOSH-A, dryness	SS شس to be dry
* via-SEDHA, hindrance	SD صد hindrance
H ₂ * VEGA, rush, flood v/f	FG=FZ فزع rush فاض to flow
H ₂ * SUDH=SUNDH, correct, simple, pure	SD سد right, true اكشد purify, k lost
H ₂ * SUR-ta, scattered, slain	SR سر to scatter ثار slay
H ₂ 1. SRIDH, be defiant towards	SRD شرد to disobey, rebel
2. SRIDH, fart, break wind d/t	SRT شرط to break wind
* SKUT, to drop, ooze	SKT ساقط to drop ساقط fall gradually
L ₃ * SLAK-sh-na, slippery, polished	SLK زلق to slip, to anoint
* LAGZI-dan, to slip Pers.	LGZ=ZLG زلق to slip
* GLISS-ade, slip Eng.	GLS=SLG زلق to slip
* sa-KIT-ra, together w. pictures	KT خط mark, paint
sa-KAKI-tam, trembling w. alarm	KK تققع to shake, clatter
* sam-KALPA, intention, will	KLB قلب ponder over قلب thought
* sa-DARPA, arrogance d/t	TRP ترف to render inordinate (ابظره)
SLAGH, have confidence in. flatter, boast, praise, console	SLG ثلج to trust in, to cheer, be refreshed, calm
L ₄ SANA, hone, touchstone Skt.	SN سن to whet
HONE, whetstone Eng.	HN=SN سن to whet h/s
SAN, whetstone Hindi	SN سن to whet
FASAN, whetstone Pers.	(F)SN سن to whet
* SAPA, curse, abuse	SB سب to curse, abuse
* SAPA-ta, being under curse	SB سب to curse
* SAP-A, floating matter تعجب flow	SAB ساب to run (water) مبيح swin
H ₂ * SAPE-ta, washed ashore	SB سبج to swim SP شفاً brink
H ₂ SAP, seek after, follow, serve	SP سبج follow وصف be fit for service
L ₅ * SAPTA-ka, consisting of 7	SBT سبت week, 7 days
* SEPT, seven Latin	SBT سبت week
* SABBATH, seventh day	SBT سبت Saturday, week (Greek)
* HAFT, seven Pers.	HBT=SBT سبت week H/S
* SAT, seven Hindi	SBT سبت week (B deleted)

L ₂ SAP-ti, courser, steed	SB سہب dart forth (horse) سفا	swift run
ASB, horse	Pers. SB سہب spirited horse سفا	swift run
* sa-BHRU-KSHEP-am, with a frown	SA pfx=with, BR عبر margin i.e. brow	
i.e. with frowning brow	KSP كسف be frowned (face)	
* SAP-arya, devotion, worship	SB سبج to praise, glorify God	
* sa-MARDA-va, with softness	SA شاع accompany سرد soften	
* sari-SRIP, creep, crawl	SRB سرب to flow	SRB سرب to flow
* SARP-ana, gliding, creeping	SRB سرب to flow	
L ₂ * SARPA-ta, condition of snake	SRB سرب to flow=creep nfv.	SERP-ent
H ₂ sa-SNE-ha, oily, full of love	SN عسین fat, ساناہ treat kindly	
sa-HARSH-A, rejoicing	ARS عرس to be merry	
* SAK-I, sideways, obliquely	SK صغو side صغا to incline	
SAK-I, accompanying	SK عسق stick to	
SAGA-ti, community of race	SG صوغ similar, alike	
* SAGARA, ocean, sea	SGR سجر to swell (sea) nfv.	
H ₂ * SADH, reach o's goal	SD سد hit the right point,	
guide aright, direct,	act rightly in, well-directed	
go, depart	سدا to direct o's self towards	
* SADHA-na, directing to goal	SD سد hit the right point, direct	
* SADH-U, leading to goal	SD سد hit the right point	
* SADHA-karin, acting rightly	SD سد act rightly	
* SADHU-ya, aright	SD سد act rightly, right, true	
SPA, male organ, tail	Skt. SP ثنا follow=behind=tail	
PE-n-is, male organ, tail	Eng. P=SP ثنا follow, S lost	
POOCH, tail	Hindi PS=SP ثنا follow	
OURA, tail	Greek OR اری عن remain behind (تخلف)	
TAIL, hind part	Eng. TL تالی follow تالی tail	
KALPA, tail	Skt. KLP خلف remain behind	
DUM (DUMB) tail	Pers. DNB ذنب follow ذنب tail	
DUMB, tail+دم	Hindi DNB ذنب tail+B lost	
CAUDA, tail	Eng. KD قعد عن remain behind تاخر	

N.B. It is clear that in these 9 words of different languages the sense of tail has been taken from (follow=be behind=tail).

L ₂ DAM, lord over, tame,	DM دعامة chief of tribe vfn.
subdue Skt.	
TAME(DOM) lord over Eng.	DM دعامة chief of tribe vfn.
DOMI-nate, lord over Eng.	DM دعامة chief of tribe
N.B. But I think the correct root is DM=DMK دمج to subdue, to overcome.	
H ₂ * SADH-ya, to be set to right,	SD سد act rightly
subdued, won	ساد overcome
* sam TAPA na, warming t/d	DP دفی to be warm
H ₃ * SAND-ra, strong, intense,	SD شد strengthen, be intense,
viscuous, tender (N)	شاد to plaster سدی be tender
* A-MAR, not dying	A, not MR مر pass away (euphemism)
* sa-A-MRI-ta, w. nectar شاع with A, not, MR مر pass away i.e. die	
sa-ARA-va, crying	AR ار to cry va sfx.
H ₂ sa-ALAK-A, adorned w locks	ALK حلقة lock of hair
LOCK,	Eng. LK حلقة lock of hair, ring
H ₂ SID-dha, hit mark, achieve	SD سد to hit the point اسدی ta get a thing
1. SIDH, drive away	SD شدا to urge on a beast
H ₈ 2.*SIDH, hit a mark	SD سد to hit the right point
yield, reach highest goal	سدى become tender ساد to overtop
attain bliss, be perfected,	سعد be auspicious اشد be mature,
firmly resolved	to brace a resalution
fasten, restrain, prohibit,	شد to bind سد to stop
surpass	شاد to strive to surpass ساد overtop
SIV, sew, weave	SF سف to weave
SU-TARA, very bright	S صح well TR طر shine
SU-TIR-tha, good road	S صح good TR طر to pass nfv.
* SUD, guide aright	SD سد right, true, well-directed
* STR, to cover	STR ستر to cover
ISTR-i, woman	STK ستیر to cover ستيرة chaste woman
H ₂ SU-na, woven (SIV) basket	SF سف to weave سفة basket
SU-tra, thread (SIV)	SF سف to weave (F=V=U)
L ₃ SUPA, broth (SOUP, SUP Eng.)	SB صبية what is poured, broth
BA, soup Pers. شوربا	B=SB صبية soup S lost
L ₂ * SERP-ent, creeping Eng.	SRB سرب to flow i.e. creep

- * SRIP, crawl, creep, glide SRB سرب ta flow (سال)
- * SEN-ya, spearman, warrior SN سن to spear a.o.
- * SEDH-A, keeping off=procupine SD صد avert, ward off
- H₂ SAU-tri-ka honouring, weaver (SIV) SF وصف attribute + سف to weave
- * SAUDHA, plastered, place SAD شاد te plaster, شديد lofty building
- * SAUR-ta, delight, sexual joy SR سر rejoice سرور joy
- STAR-na strewing STR سطر to throw a.o. down
- STAR-U, overthrower=enemy STR سطر to throw a.o. down
- L₂* STRI, scatter, overthrow, lay low STR سطر to throw a.o. down
- STREW, scatter, cover Eng. STR سطر to throw down (transf.) + متر
- H₂* STRI-ti, bestrew, cover STR سطر throw ستر to cover
- * STR-l, woman STR ستيرة chaste woman
- SPHAR, widely diffused, display SPR سفر to disperse, unveil
- H₃* SPHAR, flash, spurn SPR سفر ta shine RPSS رفس kick
- dart, spring (S) PR فار spurt forth
- غ* SPUR-n, thrust w. foot Eng. SPR=RPS رفس to kick (not following
- SPUR, pricking instrument Eng.(S) BR ابر to prick
- N.B. Spurning is kicking and not pricking
- * SPHUR-A, glittering, quivering SPR سفر to shine (hence quiver)
- * SPHUL=SPHUR, appear, SPR سفر to shine, to unveil
- come in view
- * APPEAR (PAR-are), S lost Eng. PR=SPR سفر unveil her face (woman)
- H₂ SYAD=SYAND, run, flow (N) SD شد to run ثدا flow
- SRIDH act wrongly SRD شرد deviate
- a-SARA, downpour, heavy rain SR ثر to pour down rain (sky)
- SU-AD=SV-AD, eat well SU صح right AD عض bite w. teeth
1. SVAR, utter a sound v/f SFR صفر to whistle
- 2.* SVAR, shine v/f SFR سفر to shine
- * SVAR-GA, gone to light=heaven SPR سفر to shine G ججا to walk, go
- * SVAR, sun, light, heaven SFR سفر to shine
- * SVAR-GA-OK-os, dweller in heaven prec. + OK عكى dwell
- remain at home
- SVAR-GI-t, winning light prec. + G حج to overcome
- SVAR-ya, whizzing v/f SFR صفر to whistle
- * SVAR-YA-ta, gone to heaven SFR سفر shine Y=J ججا to walk
- * SVAR-vat, bright v/f SFR سفر to shine
- * SU-ADH-I, thoughtful AD عد to think
- L₂ HARID-ra, turmeric HRD هرد turmeric, yellow dye

- HRI, yeellow HR هرى to dye yellow
- HALD-i, turmeric Hindi HLD=HRD هرد turmeric
- HARSH-ana, gladdening ARS عرس be merry, cheerful
- HID, be angry, vex HD حد to angry w.
- H₂ HRISH, bristle, gladden هرس HRS عرس be rough عرس to rejoice
- thorny
- * an-ava-KLIP-ti, improbability KLB غلب predominate+N نهى not
- * a-NAYA, indiscretion NYA نهية wariness نهى prudence + not
- an-IPSI-ta, unpleasant BS بش rejoice
- * ANU-ma, conclusion AN عن particle of succession
- * apa-KARA-ma, departure k/s AB هب away KR=SR سار go
- apa-GA-ma, departure AB هب away GA ججا walk
- * anu-SATAR-ani, cow killed to cover STR ستر to cover AN عن for
- * ANTA-vat, having an end ANT انتها end V حوى possess, have
- * ANTI-ma, last, final ANT انتها end
- A-PID-yat not empty PD فضى be empty
- * a-PUR-va, never before PR=VR ورا before
- * a-PRE-KSH-aniya, not pleasing PR فرح be pleased KSH قشع to see
- to see
- * VRA-ta, faithful BR بر good faith
- AB-in-DHA-na, water + fuel AB عب drink D حضا kindle fire
- a-BHED-a non-separation BD يد to separate
- a-BAHU-BHASH-in not much BH بهى enlarge BS بث divulge
- speaking a, not
- ava-KARTA, chip, cutting off KRT قرط to chop, cut to pieces
- a-SAM-asta, not compounded SM ثم to collect
- a-KUTE-la somewhat curly KT قط to be curly (hair) A, somewhat
- * a-ANT-am, to the end ANT انتها end
- * anu-KULI-ka, friendly, courteous KL خال to act friendly to خل friend
- APAT-in, occurring APT هفت to fall cf. وقع fall, occur
- * API-tva, friendship AB حب friend
- a-MARD-a, pulling (hair) d/t MRT مرط to pluck (hair)
- * ARD-ra, moist, wet ARD اراض be watered
- * ARD-ri-kri, moisten, refresh ARD اراض be watered
- * ARD-ra-EDHA-AG-ni RD ارض render verdant, and green
- AG اجة fire
- fire of green wood ED حضا kindle (i.e. fuel, wood)
- * ASA-yam, till evening ASA عشية evening

* a-SAV-a, distilled spirit	SF صفى filter, clarify, decant (wine)
* ISHTAR-GA, fighting besides	STR شطر side G واقعة fight
H ₃ * KAHALA, dry, indecent, large drum, excessive	KL كحل be dry, defile, unclean كettle+غلاية excess
KUTI-la, curly	KT قط be curly
KUTI-KESA, curly-haired	perc.+KS قصة lock of hair
L ₂ * KUTI-ra, hut, sexual intercourse	KT غطا conceal, cover (a concealed act)
* COTT-age, shelter, conceal Eng.	KT غطا cover, conceal كتيا
KUNTA, spear, lance etym, bub.	KNT قناة spear or K(n)T خطى spear
KUPA, beam of balance	KB قب shaft of balance
KEDARA, centre of circle d/t	KTR قطر geometrical point, a drop
غ CENTRE, point (KENTR) sharp point	KTR قطر ↑ قطر small head of arrow
KATA-va, false	KT قت lie
* KAIM-uti-ka, based on how much	KM كم how much UT=US اس base
غ GULPHA, accumulate (GUSHPI-ta.) accumulated	GLB جلب to collect (not foll) ↑ GSB كذب to collect
KAPA-la, speed, frivolity, indiscretion, rashness	KP خف to be brisk, light-minded خفة slightness, to rush on
KUP, move, stir	KP خف to brisk خفف to wave
PAG, fasten	BG بوق to fasten
PAG-ra, stout, portly	BG بق stout, broad
* pari-SHTI, hindrance t/d	SD سد barrier صد hindrance
pari-KSH-it, dwelling around	PR فرع go round KS قصع keep at home
VAK-sh, grow strong	VK وكع to be strong
L ₂ * VAK-ra, bent, dectieful K/J	VK=VG عوج be bent, crooked (transf.)
* VINGA, crooked Punjabi (N)	VG عوج be crooked
* MAN-ya-pra-SADA, mental calm	MN مان to think (hence mind) SD شد to comfort a.o. (God)
H ₂ 1. TAR-ana, passing over	TR طرى to pass over
2. TAR-ana, deceiving	TR وتر defraud
MAHAS-vin, radiant	MHS محص to flash (lightning)
L ₂ * KILIBI-sha, transgression;	KLF خانف to transgress (law)

* CULPA, fault, sin Eng. (nv)	CLF خالف transgress خلفة vice
H ₃ KUL-ya, referring to family	KL كل family
KUL-ya, receptacle	KL قلة pot, jar
KUL-ya, rivulet, canal	KL غيل channel, streamlet
KUL-yaya, become rivulet	KL غيل streamlet
SADHI-ta, achieved	SD آمد to supply a want اسدى get a th.
* SADHU-ya, well, aright	SD سد right, true
SADHU-VADA, cry of well done	prec.+FD فد to shout
* SAPTA-PADA, seven steps	SBT سبت seven PD فد tread
SA-MARD-ava, with softness	SA شاع accompany مرد soften
PAD-va, having feet, running	PD فد tread, run VA حوى possess
L ₂ * VRIG-ana, fortified place	BRG برج castle
* BOROUGH=BURG-ess. fort Eng.	BRG برج castle
* nih-SALI-la, waterless	SAL سال flow (water) سيله water
* nih-SARA-ni, pathless	SAR سار to go nfv. cf. شارع way
pra-KSHAL-aka, washing	KSL غسل to wash
* pra-KATA, secretly	KT غطا cover, conceal
* pra-KKHADA, coverlet	KD=KT غطا cover
* prati-PIT-SA, desire to obtain	BT بت achieve SA شاء desire
H ₂ * RAG, rule, shine, be chief	RG راج sway, ascend+رعب shine
H ₃ * RAGA-sam-SRA-ya عرج dominate	SR اسر conceal i.e. protect
protected or dependent on kings	حصر to hold i.e. be dependent
* RAGA-SAUDHA, royal palace	SD شيد lofty building+RAG
* RAGA-HARM-ya, royal palace	HRM حرم sanctuary+RAG
PRITHA, palm of hand	PRT فرطح to flatten, widen nfv.
H ₃ PRITH-ak, directed widely, cutt off, apart	PRT فرطح to widen BRT برت to cut فرط to forsake
PRITH-vi-KAMPA, earthquake (m)	KP قفة shiver فرطح wide (earth)
PRITHU-ka, flattened rice	PRT فرطح to flatten
PRITHU-la, broad, great	PRT فرطح to widen
BROAD=WIDE B/F Eng.	FRD فرض be wide WD=FD فضا be wide
L ₂ PRITHU-VAKSH-as, broad cheded	فرطح+(V)KS قص breast
CHES-t, breast Eng.	KS نص breast
* pra-MATH-a, tugging, pluck	MT مط to strain, stretch, draw

PRA-va, hovering	PR فرع to go round
* pra-NA-tha, respiration (AN) N/R	AN=AR اراح take breath
* pra-ANA-na, animating N/R	AN=AR اراح take breath
* pra-NA-DAY-ita, loved N/R	AN=AR اراح take breath روح life as life=husband D ود to love
* pra-NA-DA-na, gift of life N/R	هدية + D روح gift
* pra-NA-DHAR-a	N=R روح breath of life
preservation of life	DR=ZR اوزر preserve
MANA-pura-HSAR-am	MN منعة honour
with marks of honour	ASR اثر mark
* MANA-pari-KHAND-ana	MN منعة honour
loss of honour (n)	KD قض destroy
para-ARDHA, ulterior side	PR=VR ورا beyond ARD عرض side
H ₂ * para-ARTHA, another's	ARS عرض profit,
advantage, purpose	purpose + ورا
H ₃ PARI, around, excessively,	PR فرع to go round
fully, against, towards	وفر abundance, fulness ورا in front
* PRA-ti, against, back,	PR=VR ورا before, in front,
before, near	behind, near
PRA-ti-KANKU-ka, armoured	PR=VR ورا against KK قعقع
against	clash of arms
* a-KHANDI-ta-AGN-a, whose	KD قض destroy, break
orders are not infringed	AGN=AZN اذن order A, not (N)
a-KESH-ta, motionless	KSH نش to go away
a-KOD-ya-mana, unurged	KD كد to urge (a beast)
ARBUDA, snake, serpent	ARBD عربد male serpent
* a-VIDHU-ra, not lacking a pole	VD ود pole (for وتد)
a-Vi-SHAD-a, undaunted	SD شده confound A, not
* a-VI-SADA, indistinct	SD صدع to manifest a th. A, not
* a-VI-SHA-ma, not unequal	a not, VI, un سوا equal
a-VRI-ka, not hurting	VR وري to wound, corrode
APIK-ya, hidden, secret	APK عنق to be hidden (غاب)
a-PAIS-una, freedom f.	PS فص pull out اقصي deprive
detraction A, not	
H ₂ * ISA-na, possessing, ruling over	IS حاز to possess عز conquest
H ₂ 1. *IRI-na, desert, forest	IR عرا desert (na sfx) عرين forest
H ₂ 2. *IRI-na, channel, barren soil	IR اروى to water عرا desert
ISH-ta-SADH-ana,	SH شاء to wish SD سد supply a want
procure + desire	

* DRA-vat, swiftly	DR در to run
* DRA-vina, moveable goods	DR در to run, flow
* DRA-V-ata, fluidity	DR در to flow
* DRA-vi-BHU, become fluid	DR در to flow BH=SBH اصبح become
DR-avya, arboreal (DRU)	DR در be luxuriant (plant)
DR-avya, moveable (DRU)	DR در run, flow
DRU-ta, run away, liquid	DR در run, flow
DRU-ti, melting (be liquified)	DR در to flow
L ₂ PALA-ayana, escaping, fleeing	PL فل escape, run away
FLEE, run away	Eng. FL فل run away
prati-KSHAP-am, every night	KSP غسف darkness غطف dark night
prati-KSHIP-ta, rejection	KSP تذف to throw, to cast + ورا away
prati-PAD-aka, bestowing	PAD فيض generosity, profusion cf. افاد give
-PADA-niya, be given in	PAD ناض to give (a woman)
marriage	in marriage
-PADY-itri, bestower,	PAD افاد to give (property),
teacher	acquaint a.o.w.
-SAS-ana, secondary	SAS ساس to rule + prati=VRA ورا behind
* -SAKHA, minor branch	SK شق side, part of whole
* -SHEDDHA-ya, be	SD سد to stop شد bind tightly
restrained	
-STHA, standing still t/d	SD صدا to stand erect
PRATHA-na, broadening	PRT فرطح to be wide
PRATH-as, breadth	PRT فرطح to widen a th.
pra-VARGA, large pot	FRG فراغ large vessel
BARGA-ha, udder	FRG فراغ udder
* BRUDH-na, ruddy=sun b/v	VRD ورد to be red
* BHADR-a, day of full moon	BDR بدر full moon
VATARA-ka, cord	VTR وتر string
* VARGA, division, separate	FRG فرق to separate
group, class, category	فرقة sect, party of men
* VARG-iyā, belonging to group	FRG فرقة party of men
* VARG-a, free f.	FRG فرغ be free f. work
* VARDH-aka, cutting off	FRD فرض to cut
VALG-ana, gallop, leap	VLG ولقى run of a she-camel
BALAK-sha, white	BLK بلق marble (white stone)

VI-PAD, without feet=snake	PD فد to tread (treader=foot)
VRAND-in, growing slack (n)	BRD برودية slowness, coldness
VRAS-k, cut down	FRS فرص to cut, slit
VRIKA (VRAS-k) tearer, wolf	FRS فرص to cut, slit
VRADH, grow mighty	VRD ورد brave, lion (transf.)
SAK-vara, powerful=bull	SK شوكة power
SIP-ra, cheek	SP صفحة side, front part, cheek
cf. خد side, cheek, CHEEK, side of face	SK شق side
-BHASH-ana, explanation	BS بث to divulge a th.
-BHASH-in, speaking	BS بث to divulge a th.
-BHASHI-ta, speech	BS بث to divulge a th.
BHAS-ana, illumination	BS بصر shine
BHASU-ra, of great brilliance	BS بصر shine
MID, be oily	MD مد to put oil in a lamp
L ₂ KHRADDA, faith	KRD قردح to acknowledge
CREED, belief, acknowledgement	KRD قردح to acknowledge Eng.
SLAG, console, have confidence in	SLG ثلج be calm, trust in
* SLI-la (SRI-la) ugly, coarse, indecent (language)	SR شر evil, malevolence, fault, blemish
* SRAP-is, melting, gliding=ghée	SRB سرب to flow
GLIDE, pass imperceptibly	Eng. GLD=DGL دغل slip in unperceived, glide
H ₂ * sam-SARP-ana, ascent, creeping, gliding motion	SRP شرف to ascend
sa-m-SARGA commingle	SRB سرب to flow
collect	SAR شرح to mix, put together
* SARP-in, creeping gliding	SRB سرب to flow
* sam-SAR-ana, going about	SAR سار to go
* Sam-SAR-in, far extending	SR شرح to enlarge, spread
* a-sam-SAR-at, f. beginning of world	SR شرح to begin (a business)
SA-MARDH-ava, w. softness	SA شاع with MRD مرد soften
* sa-ava-MARDHA, rebellious	MRD مرد to rebel
SVA-in, river	SAB ساب to run (water)
UDANY, moisten	VDN ودن moisten
* VARI-VAS-ya, grant free space	BR بر do good i.e. grant PS فسحة space

* VARI-vo-DHA, bestowing freedom	BR برى to get free D ادى give
H ₃ ISH, draught, juice, strength, food	IS عص to press, squeeze عز Strength عيش food cf. هاس eat
ARAN-ya forest, distance	ARN عرين forest (transf.)
* ISHA, pole	ISA عصا staff, stick, support
uk-KHOPA, drying up	KP قف to dry
upa-ABDA noise	FD فد to shout out
H ₂ SABD, noise, word	(S) FD فد shout out بضع be clear (speech)
* HAS-ta, hand, feeler	nfv. HS حس feel حسس feel w. hands
KISAL-aya, sprout, shoot	KSL خصلة tender branch
HALA, cry, pleasure	HL هل to cry, rejoice
* KU-MARA, dying easily, boy, youth, prince	KU=SU صح well MR مر elapse i.e. die (other senses stretched badly)
* KU-MARI-ka, girl	MR مر elapse (i.e. easily dying)
PLAG, crush	FLG فلع to crush
* KLIP-ti, coming about i.e. success	KLP خلف to succeed, come after
VLI, crush, K lost	FL=FLG فلع crush
* TRI-KADRU-ka 3 (soma) vessels	TR وتر odd number i.e. 3 KDR قدر pot
L ₃ * ABDI-ka, lasting, annual	ABD ابد to last (transf.) cog. w. ABIDE, آباد
* TVAK, skin, hide, bark, rind	TBK طبق to cover
* SKIN, cover of body	Eng. (S) KN كن cover
* TVAK-TRA, armour, protection of skin, S lost	TBK طبق cover i.e. skin
nis-TRAPA, shameless	TR=STR ستر conceal i.e. protect
N.B. It is a psychological word. Shame causes a wink in the eye.	TRP طرف twinkling of the eye + not
PRITH-ag-GANA, wide, separate class	PRT فرطح be wide GN=ZN ذن race
* PRITU-la-LOK-ana, large eyed	PRT فرطح widen LK لقي meet (hence see)
* LOOK, observe by sight	Eng. LK لقي meet (hence see)
* PRITU-la-OG-as, hv. great energy	PRT فرطح wide OG=OZ عز power
KHALA, dry, indecent	KHL قحل be dry, slovenly, unclean

H ₃ * PRITHU-SRA-vas, far-famed, great prosperity, thrive prati-VAK, yelling at * pra-SKOT-ana, dripping pra-HRISH-ta-MAN-as hvg. a delighted mind * pra-HELA, without constraint pra-HVA, bowing+before h/a	SR شهره fame يصر prosper+ ثرا happiness ثرا increase (wealth) BK بعق to yell SKT استقطا to drop ساقط fall gradually ARS عرس to be merry MN مائن think i.e mind HL حال interpose between حوال obstacle VRA ورا before AV عوى bend
H ₂ BAR-BARA, stammering, barbarian * KLIP-ta-KESA-NAKHA- same-SRU having his hairs nails and beard trimmed (scratcher=nail)	BRBR بربرى to mutter بربرى barbarian KLP قلف to cut KS قصة NK نكح io scratch SR شعر hair (i.e. beard)
* KETU, token, ray H ₃ * KOSH-ta, store-room, encircling wall, entrails KAUTI-lya, crookedness, crispness L ₂ VAI-TAS-ah, penis(TAS) shake TOSS, jerk KRUMU-ka, a splint KHURI-ka, cow's nostril * NABHI-VARDH-ana, cutting of naval cord ni-VRA-ta, faithful to vow * pra-SARP-ana, going forward * pra-SARP-in, slinking away * pra-SARGA dismissal, gushing forth	KT خط mark, streak (i.e. ray) KS غشى conceal+ قش collect things كاس to circle, coil (i.e. entrails) KT قط to be curly, crisp TS طت repel w. hand Eng. TS طت repel w. hand KRM خرم to split KR خر to snore nfv. NB نبا rise high i.e. naval cf. ناف FRD فرض to cut VR=BR بر be inviolate (oath) PRA=VRA ورا before SRB سرب go SRB سرب go back home, flow SRG=KRG خرج depart f., go out f. MHS محض to flash SLS سلس loose BRS بارض shoot of a plant (similie) KSL خصلة tender branch SPR شفرة side of a spear-head (similie)
L ₂ H ₂ SALKA, chip, scale H ₂ sam-DARBA, mixture, weaving, piling (of arms)	SLK سلك skin of slaughtered animal DRB ضرب to mix, to stitch+DBR ضمير to pile up

sam-KARSH-ana, drawing to oneself * sam-pra-KSHALA-na, washing away -KALPI-ka, based on imagination sa-ATOPA, rumbling (cloud)	KRSH خرش to draw (a bough) towards one's self KSL غسل wash VRA ورا away KLB قلب mind, intimate thought ATP هتوف cry هتوف thundering (cloud)
sa-AMAR-sha, wrathful sa-ARA-va, crying L ₂ STRI, scatter, throw down H ₂ STRI-ti, strewing, striking down, covering STRI-tya, be struck down	AMR حمر burn w. anger AR عر cry STR سطر to throw down cog. w. STREW STR سطر to throw down ستر to cover STR سطر throw a.o. down

A P H E S I S

Restore initial ع

* A-ku-PARA, boundless SAK-tj, addiction, attachment غ ad-DIC-tion, habituate	BR عبر shore SK عسق to stick to ADK=AZK عزق stick to+AD pfx =increase
DAS, servant H ₂ *adhi-RAG, paramount (s lost)	DS عدس to serve nfv. AD=SD صعد to ascend i.e. paramount
ruler, shine ud-RAS-mi, resplendent KEEL, bind PAK-sh, take, accept SHANGA, attachment (n) A-BRU-vat, not stating KRU-ra, terrible L ₃ DHAVA-na, running DAVI-dan, to run DHAVA, run A-MAGG-ana, not sinking a-vi-SHAK-ta, not attached * a-vi-RUDDHA, unhindered, unopposed	RG عرج to ascend رجع shine RS عرض to flash KL عقل to tie PK عفق to catch, seize SG عشق to stick to BR عبر to explain A, not KR عقر to be stupefied through fear DV عدوا run Pers. DV عدوا run Hindj DV عدوا run MG عمق to go deep into SK عشق to stick to RD اعرض hindrance اعرض to oppose

A-SAK-ta, unattached	SK عسق to stick to
SEV-ak, servant v/f (not عسف)	SF وصف be fit for service وصف servant
* a-RODHA, siege, blockade	RD عارض oindrance
* a-MAGG-na-ANT-am till immersion	ANT انتها end MG عمق do deep into
* a-KALA-na, tying up, a, up	KL عقل to tie
H ₂ * a-SAK-ta, fastened, attached	SK وثق to fasten عسق to stick to
ut-TARA-la, quivering	TR عتر to quiver
KAKA, hair	KK عقيقة hair of a young gfp.
H ₃ * KAL, fasten, urge, drive, reflect, consider	KL عقل to tie قلع to drive away خال think
GAGR-I=GRI, onion, garlic	GR عجرة knot, knob (simile)
cf.* GANDA, onion Punjabi (N)	GD عقدة knot (simile)
* GUTA, braid of hair	GT=GD عقدة knot
L ₃ TAK, rush	Skt. TK عتك to rush, attack
غ ATTACK, rush,	Eng. TK عتك to attack ↑ عتك to stick to
TAKH-tan, to rush, assault	TK عتك to rush, attack Pers.
SHAL, shake	SL غسل to quiver
TAMA-la, dark coloured	TM عتم darkness
TAM-I, night	TM عتم darkness of night
TAMO-GA, moving in darkness	TM عتم darkness G جحا to walk
L ₂ VARA-ha, boar, hog	VR=FR عفر boar=FR عفر boar, pig
H ₂ TARA-la, quivering, sparkling	TR عتر to quiver طر shine
TAMA-la, a dark tree	TM عتم darkness
H ₂ TAD, near, strike, lightning	TD عتد be near وطدة violent blow
TIMI-ra, dark	TM عتم darkness
TARA-la-ya, make quiver	TR عتر to quiver
TAIM-irya, darkening	TM عتم darkness
DAS, service, worship	DS عدس to serve
SEV-in, serving	SF وصف be fit for service وصف servant
BRA-h-min, explain (veda)	BR عبر explain
H ₂ DHAV, run, flow	DV عدوا run ودی to flow
TUBH, hurt, kill	TB عطب injure, perish
ni-TAMBA, buttock, slope of mountain	T(M)B عتبه ascent of hill

* ni-RUPA-ka, defining observing, contemplating	RP عرف to know, perceive by senses of mind تعريف definition
* ni-MAGGA-na, immersion	MG عمق to deepen, go deep into
* ni-RODHA, obstruction	RD عارض hindrance cf رددع restrain
H ₃ ni-SNE-ha, not greasy, lacking moisture, not treated w. affection	SN عسن to fatten عسن grease, fat سنا to irrigate (water) سانا to treat a.o. kindly+not
* PARA-GA, carrying to further	BR عبر to cross عبر bank G جحا bank walk
L ₂ * PARA-na, taking across, reading	BR عبر to cross a river عبر to read (a book) mentally پڑھنا=BR عبر
* PARA-tah, on other side	BR عبر shore; bank
* PARA-tri-ka, relating to next world	BR عبر to cross over a river i.e. to go to next world.
* PARA-AVARA, further and near	BR عبر cross over VR ورا near
H ₃ TRE-h, injure, kill	TR طر cut عتر slaughter وتر kill
N.B. PARA is a homonym of ورا+عبر+نوع i.e. beyond, cross over, overtop.	
BHRU-KUT-I, eyebrow+	BR عبر margin+KT كتع contract contract
PARA, bringing over to other side	BR عبر to cross over, convey across a river
PAR-am-PAR, relating to other side	BR عبر cross over عبر shore
PAR-ya, on further side	BR عبر cross over
H ₂ RODH-BHU, growing on bank	RD عرد grow+عروض side B ياح appear
BIL-ma, chip	BL عبل cut off
L ₂ BAL, whirl بلونا - بلونا	BL عبل to twist
L ₂ BAL, force, might, validity	BL عبل twist, be bulky
VAL-id, strong Eng.	VL=BL عبل twist, hence strengthen
N.B. Sense of strength is based on twisting, hence strengthening e.g. امر twist ميرة strength, جدل twist, be strong, قتل twist, strong, مسد twist, ممسود strong, عسد twist, عسود strong.	
BALA-BARGI-ta, destitute of strength	prec.+FRG فرغ be empty
BALA-BHAD-ra, excelling in strength	prec.+BD=BZ بز get better of

L ₄ * BHRU, eyebrow	BR	margin عبر x BROW x بهرون
* MAGG, sink, go down, dive	MG	عمق to go deep (transf.)
H ₂ * MAGG-an, sunk in=marrow	MG	عمق to be deep cf. مغ marrow
غ * MUH, be bewildered, perplex	MH	عمه bewildered, confused
غ * MUH-ur, in bewildering manner,	MH	عمه bewildered (transf.)
in a moment	NB	عمه and MUDHA are different
BERA, boat	BR	عبارة boat
غ * MUDHA, bewildered	MD	ماد be giddy (bewildered)
		(not MUHA)
غ * MUDHA (MUH) bewildered,	MH	عمه be bewildered,
gone astray		confused+ماد
cf حار be perplexed, lose way	تاه	be perplexed, go astray
* MOHA, bewilder, confuse	MH	عمه be bewildered, confused
RAS-mi, RASA-na, cord, rope	RS	عرس rope (not رسن)
H ₂ RUS-ta, bright, harsh	RS	عرش to flash حرش be rough
L ₂ HARSH, rough	Eng.	HRSH حرش be rough
H ₃ * LAG, attach, meet,	LG	علق be attached لقي meet
pierce	LG=SLG	سلق to pierce (s deleted)
LING, attach	(N)	علق be attached
* LING-A, anything attaching	LG	علق be attached
LAL, play, sport, dally	LL	علالة amusement
H ₂ LAL-ana, playing, glittering	LL	علالة amusement "لا" shine
LAS, flash	L/R	LS=RS عرض flash (lightning)
LAS-a, lively	L/R	LS=RS عرض be sprightly
LALA-ta, be fondled	L/D	LL=DL دلع cocker, pet a child
LALI-ana, fondling	L/D	LL=DL دلع pet a child
LILA, amusement, diversion	LL	علالة amusement
L ₂ * VAK-ra, crooked	K/G	VK=VG عوج to be crooked
* VINGA, crooked Punjabi (N)	VG	عوج be crooked, bent
VI-SHANG-in, adhering (N)	SG	عشق stick to
sam-SAK-ta, hvg. stuck	SK	عسقت stick to
SAK-ta, attachment	SK	عسقت stick to
SAK-ti, union, attachment	SK	عسقت stick to
L ₂ SAKHI, associate	SK	عسقت stick to cf وثق fasten
ASSOC-ate, joined	Eng.	ASC عسقت stick to
SAKH-A, companion, friend	SK	عسقت stick to + وثق to fasten
SAKH-I, female companion	SK	عسقت stick to (I feminine)
SAK, united w.	SK	عسقت stick to وثق fasten

KUT, to curve, bend	KT=KD	عقد to curve, to arch
HUG, cling to	Eng.	HG حجومي stick to
L ₂ upa-GUDA, hug, clung.	KD	عكد to cleave to
ن CUDD-le hug, cling	Eng.	KD عكد to cleave to
SANG=SAG, attach	SG	عسقت stick to
H ₂ * sam-RAG, universal rule, shine	RG	عرج ascend (sway) رعي
		shine سم common
* SU-RAG-an, good king	S	صح good=RG عرج ascend (dominate)
غ * SU-RASH-tra, hvg. good realm	RSH	عرش kingdom (not prec.)+صح
SU-REKHA, beautiful line,	RK	عرق row, footprints of
		track animals+صح
H ₂ SNEHA, grease, attachment,	SN	عسن grease سناه treat a.o.
		love kindly
H ₂ SNE-ha-vat, fatty, full of love	SN	عسن grease, fatness سناه kindness
* SAV-RAG, independent or	SV	سوا self RG عرج ascend
		own rule (hence rule)
PRI, bring across, get over	BR	عبر to cross a river, to convey
H ₂ POSHA, nourish increase	PSH	عفش eat much نشاء increase
a-SHANGI-ka, adherent (N)	SG	عشق to stick to
* NADH, distress	D/T	ND=NT عنت to fall into distress
na-abhi-DHAV-at, not coming	N	نهى not, abhi PFX. DV عدوا run
		to rescue
KUR-na, rust	KR	عكر rust of a sword
L ₂ DHRI-sh, dare, be bold	DR	عدر be bold (sh. sfx.)
غ DARE, be bold	Eng.	DR عدر be bold
RABH, good odour	RF	عرف smell (specially good)
* A-NUT-ta, invincible	NT	عنت to ascend A, not
ut-TARA-la, quivering	TR	عتر to quiver
TOKA, off-spring	TK	عتك to rush cf انسل outrun
		نسل offspring
RAS-U, delightful	RS	عرض be glad
RUS-ant, bright	RS	عرض to flash
LAG, cling, adhere	LG	علق to cling
SAM, to toil, exert	SM	عسم to toil, exert
L ₂ PUL-sa, leaf	skt.	BL عبل fallen leaves اعل put forth
		leaves
LEAF (LAUB)	Eng.	LB=BL عبل fallen leaves
LEAF (LAUB) put forth leaves	LB=BL	اعبل put forth leaves
	Eng.	

ul-LASA, joy, flash, skip, play	LS=RS عرس be glad, flash, be sprightly
ud-RODHA-na, growth	RD عرد to grow
ul-LIKHI-ta scratched (RIKH)	RK عرك to scrape
ul-LEKHA, scrape, mention	RK عرك scrape (hence write)
ul-LUNK-ana, pull	(n) LK=RK عرق to strip (hence pull)

N.B. stripping implies pulling eg. قلف to bark, to pull out
PEEL, وفل to peel whence, pull.

* mi-MANK-shu, about to enter water (MAGG)	MG عمق to deepen, go deep into
KU-PAT-a, poor garment	SH شاء to wish
sam-PRA-ya, passage to other world	KU=SU سوء bad PT عفت twist upon BR عبر to cross over عبور passage
* DR, to respect	DR=ZR عزز to honour
PUT, embrace	PT عفت to twist
ARDHA-RUDHA, half-grown	ARD عرض side i.e. half RD عرد to grow

cf. شق side, half شطر side, half شط side, half, HALF=SLF سالفة side.

A-LAGHA-VA, no relief to	LG علاج treatment of disease + not
PHRU-KSHEPA, frown	BR عبر margin KSP كسف be frowned
BHRU-BHANGA, frown (N)	BR عبر + BG=BZ ابض fasten G=Z
BHRU-BHEDA, with frown	BR عبر + BD ابض fasten d=z
LUD, stir, agitate, confuse	LD=LZ علز be restless, disquieted
POTI-ka, cloth, garment	PT عفت to twist a th.
CLOTH (KLEED)	Eng. KLD قلد to twist, wind upon
GAR-ment	Eng. GR=ZR ازز to wrap, to clothe
VES-t, to clothe	Eng. VS وشع to wind, wrap (لغ)
KAPR-A cloth	Hindi KPR غفر to cover

N.B. Sense of cloth is based on covering, winding or twist-
ing round.

NED-ishta, nearest	ND عند near, ISHTA SPLTV SFX.
PIP-PALA (PIP) berry	BB عيب berries PL فلا to nurse
* prati-RODH-ri opposer	RD اعرض to place opposite
* ,, -RODHA, obstruction	RD عارض hindrance cf. ردد restrain
* ,, -VAS-tu, compensation	VZ عوض compensation
:-BIGH-na, unimpeded (VIGH)	VG عوق to impede

SU-RADH-as, bestowing good	S صح sound RD عراضة gift gifts
ud-RODH-ana growth	RD عرد to grow
KHA-GALYA, part of wheel!	GL عجلة wheel KH=S حصة part
DHRI-sh-ti, boldness	DR عدر be bold
L ₂ DHRI-sh-nu, daring	DR عدر be bold
غ DARE, be bold	Eng. DR عدر be bold
H ₂ * pra-SANGA, attachment, inclination	SG عسق stick to صغا incline
para-SAG-ya, applicable	SG عسق to stick to
VI-RUDH, growing in different directions	RD عرد to grow (plant) + VI
* SEMU-shi, resolve, purpose	SM عزم resolution, firm purpose
SPHA-vaya, fattener (of cattle)	SB اعشب feed and fatten (cattle)
VI-PHULA, thickness	BL عبل be thick
1. TUR-A, strong, mighty	TR عتر get strong, sturdy
2. TUR-A, quick	TR طار to hasten to do

Restore initial الف

ati-MARU-ta, violent wind	MR امار to raise dust (wind) + عتا
BADDH-A, bound	BD ابض to fasten
L ₃ * A-PADA, no abode	BD ابد to abide, dwell A, not (آباد)
A-PUR-va unprecedented	PR افرع to begin A, not + ورا before
A-BANDH-ya, not to be chained (N)	BD ابض to fasten
A-BANDH-ra, hoopless (N)	BD ابض to fasten
BANDH-U, relative (N)	BD ابض to fasten (i.e. connect)
A-BADH-a, unhindered	BD ابض to fasten (not fastened)
L ₅ abhi-NAV-a, new V/F Skt	NF انف new
NOV-ice, new (NEF) Eng.	NF انف new
NOV, new Pers. V/F	NF انف new
NAV-an, new Panjabi	NF انف new
NEW (NEF) Eng.	NW=NF انف new
NAG-na, naked	NG انجي to lay bare
* A-KARA-na, not last	A, not KR آخر last
H ₂ BAND-in, slave, prisoner (N)	BD ابض fasten (not عبد slave) cf. اسر fasten اسير prisoner

* APAT-KALPA, procedure in distress	APT آفت evil, KLP خلف to replace, succeed
ut-TORA-na, adorned w. arches	TR اطر to curve (وتر arc of circle)
ud-BANDHA, hanging O's self (N)	UD=above, BD ابض to fasten
KARA-ma, last	KR آخر last
BANDI, prisoner (n)	BD ابض fasten
L ₂ BANDHU-ra, bent (n)	BD ابض fasten (hence bend)
N.B. Bind and bend come from the same root i.e. ابض	
BIND=BEND, fasten	Eng. BD ابض fasten (hence bend)
upa-PUR-va, preceded by	PR افرع to begin
upa-BANDH-A, connection(N)	BD ابض to fasten
upa-ni-BAND-ri, composer (N)	BD ابض to fasten
upa-ni-BANDA, engagement(N)	BD ابض to fasten
RIBH-U, skilled, clever	RB ارب to be skilful, ingenious
H ₂ 1 KAR-ta, hole, pit	KR اكرة hole, pit
2.*KAR-ta, separation	KR خار to choose, select (hence separate)
KOR-A, flexible	KR اكار to incline a th.
L ₃ TOR-ana, arched portal	TR اطر to arch, curve وتر arc
TUR-n, bend	Eng. TR اطر to bend
TERHA, curved	Hindi TR اطر to curve
apa-SULA, spearless	SL اسل spear
VID, get, find	BD ابدأ to find out
NAG-na-KSHAP-ana, naked (jain) mendicant	NG انجى to be naked KSHP قشف painful life i.e. jain mendicant's
NAV-a-YAG-na, offering of fresh fruit	NV نوعية fresh fruit (y/z YG=ZG ذكى to sacrifice i.e. offering)
NAVA-Ni-ta, fresh butter	NV نوعه fresh N نى fat, grease
nish-PHALA, bearing no fruit	BL ابل to bear fruit جبل fruit+not
nish-PHALI-kri, leave unrewarded	BL جبل fruit ابل to bear fruit+not
BHUR-ana, active	B/F FR افر be active, nimble
VIA-PATTI, misfortune	PT آفت misfortune
pra-LEPA, adhesion	LB الب to stick to
H ₂ NAVA, new, fresh	NF انف new+NV نوعية fresh fruit
N.B. NAVA is a homonym of نوعية fresh+انف new.	
H ₂ * VID, dwell, tell	BD ابد abide بدأ to manifest

BHADI-ra, deaf (w.bound ears)	BD ابض fasten
BANDH, bind, connect (N)	BD ابض fasten
BANDH-A, fetter (N)	BD ابض fasten
BANDH-nika, gaoler (N)	BD ابض fasten
BANDHA, connection, relation (N)	BD ابض fasten cf. أصرة tie, relationship
BANDHU-vat, like a relative (N)	BD ابض fasten i.e. connect
BANDH-ya, deserving to be bound	BD ابض fasten (Y attributive)
L ₂ BANDHU-kri, be friend (N)	BD=VD ود be friend
BIND	Eng. (N) BD ابض fasten
H ₂ BANDHU-ra, bent, handsome, lovely (N)	BD ابض Bind (hence bend) BD باض to recover O's complexion
* MANA, desire	MN منية desire
MANI-sha, reflection, hymn	MN مائن reflect upon, think
* A-KAR-a, not last	KR آخر last A, not
* A-KARA-ma, not last	KR آخر last
* GHAD, seize	d/z GZ اخذ to seize
MAN-U, wise=man	MN امعن ponder over nom. U
MANU-sha, man=thinker	MN امعن ponder over مائن think
MANU-shya, human	MN امعن ponder over مائن think
MAN-us, man i.e. thinker	MN امعن ponder over مائن think
MAN-tri, deviser	MN امعن ponder over
MAN-tri, counsellor, ruler	MN امعن (transf.) cf. رأى think راى advise
MAN-tra, pious thought, hymn	MN امعن ponder over + مائن
MAN-tra-na, deliberately	MN امعن ponder over + مائن
MAN-tri-TATTA-VAD	MN امعن ponder over=counsel
knowing essence of counsel	TAT=SAT ذات essence FD افادة knowledge
MAN-ya, thinking O's self	MN امعن ponder over مائن think
MAN-U-IDDH-A, kindled by men	MN امعن ponder over مائن think ID حضاً to kindle (man=thinker)
* MA-KIR-am, without delay	MA ما not KR اخرة delay
H ₃ * MANA, honour, think, desire	MN منة honour مائن think منية desire
MATA-BHEDA, difference of opinion (MAN)	MN امعن ponder over=opinion BD بد to separate i.e. differ
MATA-n-GA, roaming at will=elephant (MAN)	MN مائن think i.e. will G جحا to walk (walk as it thinks)

H ₂ RUSH, covered w. dust, adhering	RS ارت رصع ashes stick to
SULA, spear, spike, spit	SL اسل spear, blade
غ TAT is ذات and not thatness i.e.	TAT=ZAT ذات ↑ ذا that
SIR-am, sharp	SR اشر sharpen
* SAR-man, protection	SR اسر conceal
SUL, be painful, hurt	SL سلعة wound
SABHA, company, assembly	SB اثبية numerous company ثبي to collect
* SABHA-SAD, member of company prec. +SD=KD	قعد to sit
H ₂ SABHI-ka, refined, courteous,	SB تاب be cured ثوب morals cf. اثبية company
keeper of a gaming house	ثبي to collect i.e. gamblers (ironical use)
SABH-ya, belonging to company	SB اثبية company
SOBHA, praise	SB ثبي to praise
L ₂ ba-BHRU, reddish brown	BR ابهر be exposed to heat
BROW-n, tan, make brown by sunburn Eng.	BR ابهر to shine (sun), be exposed to heat
H ₂ LOK, speak, shine	LK لغا speak الق shine
MUN, to promise, assure	MN امن to reassure
H ₃ * mi-MAMSA (MAN) deep reflection,	MN امعن to ponder over ماعن think, reflect
opinion, examination	MN محن to examine cf. رأى think, opinion
SUL-in, armed w. spear	SL اسل spear
SULA-GA-va, spit ox	SL اسل + G عج bellow (ox) nfv.
H ₂ SULA-kri, roast on spit	SL اسل spear (transf.) i.e. spit + على to roast
NAVA-pra-SA-na, eating new grain	NF اف new S هاس eat

N.B. ISTR-i, woman f. root STR ستر to cover, Veil. This shows that ancient Hindu women were veiled whence ISTR-i=ستيرة chaste woman. KANYA, maiden=KNY قني to be kept indoor (girl), to preserve modesty. This also is akin to ISTR-i. 3. SEN-A, spearing=army سن to spear. This shows that spear was the main weapon of Aryans. The language of a people is the mirror of its habits and culture.

Restore initial ھ

GHAR-ma, hot GR هجر to be hot (not جزوم)

L ₂ ati-PAT-A, falling beyond PAT-it, fallen	AT عتا to exceed PT هفت to fall PT هفت to fall to pieces
adha-PATTA-a, downfall	AD=VD وضع to lower هفت to fall
A-NIND-at, not blaming	N(N)D هند to abuse هندفي to default
PAT, to fall, to fly	PT هفت to fall, to fly
A-VA-ta, windless	A, not VA هوا wind
PANNA (PAD) fall d/t	PT هفت to fail
ut-PATA-na, flying up	UT=up, PT هفت to fly
ut-PATA-ka, w. flags flying	PT هفت to fly
ut-PATI-tavya, one must fly up	UT=up, PT هفت to fly
N.B. UT=ST سطح raise UD, up=UD=SD	صعد ascend, S lost
ut-PAT-a, flying up, sudden appearance	PT هفت to fly, to fall down (i.e. sudden)
upa-ni-PAT-jin, befalling	PT هفت to fall
upa-ni-PATA, sudden appear- ance	PT هفت to fall down (i.e. come suddenly)
VA-VA-ta, beloved	VA هوى to love (reduplicate)
GHAR-ma-KALA, hot season	GR هجر be hot KL خلا to elapse time nfv.=time
H ₂ NIND=NID, abuse, surpass	ND هند to abuse نادى vie in glory w.
PATA, fly, fall	PT هفت to fly, fall
1. BAT-a weakling	BT هبة weakness
2. BAT-a, of astonishment	BT بهت to be astonished
L ₂ VA-VAS-ana, eagerly longing	VS هوس desire violently cog. w. WISH
GUNG, hum, buzz (N)	GG=ZG هزج hum, buzz
L ₂ BHAT-a, warrior	BT هبط to beat هبت strike
BATT-le, beat Eng.	BT هبط beat
apa-RADHA, injury	RD هرد to injure
abhi-PAT-ana, swoop	PT هفت to fall
UR-vasi, fervent desire	UR حر hot VS هوس desire violently
US-ana, eagerly, joyously	US هش rejoice
TIT-kara, crash	TT هتت to smash, shatter
* vi-DHVAM-sa, collapse, destruction	(V) DM هدم demolition, destruction
BHAMBA-RAVA, bellowing (of a cow) (RU) cry (m)	BB=VV ووع to shout R عر to عرير bellowing
H ₃ MAND-a, gentle (wind)	MD همد to cool, become still (wind)
dull, slow, stupid (n)	ماد to waddle be amazed DM عدم stupid

RIDH-a, disrespect	RD هرد to impair (reputation)
RIG-ish, rushing on	RG هرج to run much (horse)
PAT-at, flying, bird	PT هفت to fly
PATA-kin, bearing a flag	PT هفت to fly (similie of flag)
PAT-ad-GRA-ha, catching what falls	PT هفت fall GR=ZR اذرع seize
H ₂ PAT-aya, fly along, strike down	PT هفت to fly BT هبت strike down
L ₃ pi-PATI-SHU, about to fall	PT هفت to fall SH شاء wish
UFTA-dan, to fall	Pers. FT هفت to fall
PIPTO, fall, Greek	P-PT هفت to fall (reduplicate)
VI-RAD-dhri, insulter	RD هرد impair reputation of
KU-PAT-U, stupid	PT هفت stupidity اغفظ stupid
LISH, be reduced, small	LS هلس emaciate, thin
H ₂ PAT-ana, felling, striking	PT هفت to fall هبت strike down
SAM, destroy	SM هصم to smash, break to pieces
L ₃ PAT-anga, peculiar to moth(ng)	PT هفت to fly (moth flies nfv.)
PAT-ang, kite Hindi (ng)	PT هفت to fly nfv. (Hindi)
PAT-anga, flying spark (NG)	PT هفت to fly nfv. (Hindi)
PAT-in, flying	PT هفت to fly
RJ, strive after	RJ هرج exert strenuously
PATA-ut-PATA, fall+rise	PT هفت to fall+to fly i.e. rise
H ₂ 1. RUSH, be annoyed w. vexed	RSH هرش be ill-tempered
2. RUSH, anger wrath	RSH=SHR شره anger
H ₂ * RAP, praise, speak distinctly	RP هرف to praise عرف inform
RESHA-na injury	RSH رش painful blow هرس bruise
LAVA, cutting, piece, wool hair	V/B LB هلب to clip هلب hair (LU) (B passed into V which passed into U)
L ₂ VAS, desire VAS-at, cager	VS هوس desire WISH, desire Eng.
Restore initial ح	
* SRA-nta, tiring	SR حسر to be tired
PRI, be busy w.	PR حفر scrutinise, dig
A-GRA-hita, not despised	GR حقر to despise
* SRA-ma, fatigue	SR حسر to be tired
A-TULA, unequalled	TL حتل equal, alike
TAILA-PURA, filled w. oil	TL طلا oil PR=PL حفل to fill
L ₂ RIDH-ak, apart	RD حرد apart
RID, to clear away	Eng. RD حرد seclude o's self f.
par-SHAD, assembly	SHD حشد assemble

TUP kill	TP حنق death vfn.
RIS-A, injurer	RS حرص to tear هرس to bruise
L ₂ GAN.U, knee زانو Nom. U	GN حجن to bend ZN=JN حجن to bend
an-a-KYA-ta undeclared	KY حكي to speak
an-a-KHYA-ya, ya, not told (KHAYY)	KY حكي to speak
GALA, water s lost etym. dub.	GL=SGL سجل pour water nfv. + حجيل water
L ₂ abhi-PLU-ta, overflowed	PL حفل to flow=FLOW حفل
L ₂ a-PUR-na, not full	PR=PL حفل to fill=FILL حفل
PHAL, fruit	BL حبل fruit
ava-DOLA, swinging	DL حدل churn دال revolve
* a-SAR-man, sorrow	SR حسرة sorrow, euphonic A
* A-SAR-ma, lack of fatigue	A, not حسر to be tired
* A-SRA-nta, indefatigable	A, not حسر to be tired
* A-SRE-man, untiring	SR حسر to be tired
A-KUL-Kri, dim	KL كل to be dim A, euphonic
A-KUL-a confused	KL حكل to be confused (A euphonic)
A-PURA, flow, redundance	PR=PL حفل to flow, be abundant
a-PUR-na, full	PR=PL حافل full
a-VAR-ta, turn, whirlpool (ورطة)	VR حور return, spread w. roller
KHARA, measure of capacity	KR حكر cup
cf. قدهح cup, measure of capacity	صاع measure of grain صواع cup (cup was primitive measre)
GALA-OKA, living in water	GL حجيل +OK عكى dwell =leech
H ₂ * MEDHA, rewards, thoughts	MD حمد requite عمد intend
L ₂ * MEED, reward, praise Eng.	MD حمد requite, praise
* an-upa-DESH-tavya, not reportable	DS حدث relate
GR-tsa, wise	GR حجر wisdom (عقل)
GALA-DA, water-giver, cloud	جل +D ادى to pay + سجل pour water
GALA-AMS-U, cool rayed=moon	جل water AmS اشع spread rays
GALA-ARTH-in, thirsty th/s	جل +ARS حرص to covet
* MAND, to praise (N)	MD حمد to praise cf. مدح praise
H ₂ * ga-GRI (GRI) be wake, watchful	GR=ZR حذر to beware + حرز be on watch

H ₂ * DIS, state, indicate, show	DS حدث to relate صدع to manifest
* RAKH, RANG, go, move (N)	RK حرك to move
* DAS-ma, working wonders	DSحدث novelty دهش be astonished
* DAS-ra, working wonders	DSحدث novelty دهش be astonished
NABHO, vault of heaven	NB حنب to be curved
* pari-SRA-ma, fatigue	SR حسر to be tired
PRI, fill	PR=PL حفل to fill
A-BHAR-ana, adorn, ornament	BR حبر to adorn
GANU-ka, knee	GN حجن to bend nfv.
L ₂ PLU, flow, inundate	PL حفل to flow abundantly
FLOW, FLOO-d, FLOA-t Eng.	PL حفل to flow
PLU-ti, over-flowing, leap	PL حفل to flow abundantly
PHALA-AGA-ma, advent of fruit	BL حبل fruit G جاء to come
VAI-PHALA, fruitlessness	BL حبل fruit vai, not
L ₂ BALA-sa, swelling in throat	BL حبل to swell pfg.
SWELL Eng.	(S) WL=BL حبل to swell
BAS, to stop	BS حبس detain, withhold
SOPHA, swelling	SP حشف to swell (w. milk-udder)
SU=SVA, swell (SU-tha)	SU=SV=SF حشف swell F=V=U
H ₂ * SAYA, couch, lying sleeping	SY حشيه stuffed bed (sleep, repose, lying, implied ثوى dwell
reposing, dwelling	
* ati-sam-RAMBHA (m)	AT عتا to exceed
violent indignation	RB حرب be vehemently angry
H ₂ * an-a-DISH-ta unordered	DS حدث to relate+DS=SD سد to direct
a-VELA unseasonable	BL حباله seasonable time+A, not
MAS-tu, sour cream	MS حمز be sour
L ₃ SAYYA, coach	SY حشيه stuffed bed.
SEJ, couch j/y	Hindi: SJ=SY حشيه stuffed bed
غ CUSHI-on, fill, stuff,	K/H CSH=HSH حشا fill,
pad, worn by women on the behind	stuff حشيه pad, bustle worn by women
(COXA) hip	↑ CX=CS خشا posterior

The root of cushion is admittedly unknown. It has been doubtfully traced to coxa which is clearly wrong. Similarly (1) BUS-tle, bestir=BS حمص be brisk, lively (2) BUS-tle, commotion=باش be noisy (3) BUS-tle, pad on behind=BS بوض buttock. These

3 roots are unknown to English.	
SUL-ka, toll	SL حصل recover (money)
ut-PLA-va, overflowing,	PL حفل to flow
leaping, ut, over	
ut-PHALA, leap ut, over	PL حفل to flow
H ₂ ut-PHULLA, inflated, swollen	PL حفل fill حبل swell
SAMI-tra, relating to carver	SM حسم to cut off
H ₂ SAM-ana, putting an end to, soothing remedy	SM حسم to cut off
H ₂ VI-SAYYA, pleasure couch	SY حشيه stuffed bed هش rejoice
L ₂ SAYA, couch (SI)	SI=SY حشيه stuffed bed
ن COUCH, bed K/H	KS=HS حشيه stuffed bed
VELA, time	BL حباله seasonable time
pari-SADA, encompass+ assembly, audience	PR فرع go round
L ₂ * MEDHA-sati, deserving reward or praise	SD حشد collect حشد party
* MEED, merited praise Eng.	MD حمد requite
L ₂ BABA-ba, crackle of fire	MD حمد deserve praise
BHAMB-ar, crackle of fire Punjabi.	MD احمد deserve praise
H ₂ * MEDHA, reward,	BB حبيجة ardour of fire
intelligence D/Z	BB حبيجة ardour of fire (m)
H ₂ RANDH-ra, fissure, hole (N)	MD حمد to requite MZ مزى intelligent
LAGHU (RAGHU) nimble	RD هرد to split حرد to pierce
* a-SRE-man, untiring	RK حرك sprightly
ن a-SUN-DAR, not beautiful d/z	SR حسر to tire
MAUT-ra, corrosive	SN حسن beautiy ZR ظاهر shape
L ₂ LIS (RIS) be rent, lacerate, tear	MT حمط to take off the skin
VI-PHALA, fruitless	RS حرص to tear LS=RS حرص to tear
L ₂ VI-RUK-sha, rough,	BL حبل fruit
harsh (RUSH)	RSH حرش to be rough
HARSH, rough Eng.	HRS حرش be rough
sa-PHAL-ya, fruitfulness	BL حبل fruit+SA شاع fill
* sam-DESA, message	DS حدث to relate, speak
* sam-DES-ya, to be directed	DS=SD سد be well directed
غ RUK-sha (RUSH) rough	RS حرش be rough ↑ عرك scraps

N.B. حرص to tear, هرس to bruise, حرش be rough, هرض to rend خرش to scratch, are collaterals.

Restore initial و

ati-TUD, lashing violently	TD وطدة violent blow
* GUR-U, heavy, nom. U	GR وقر burden
abhi-TADA-na, blow, beating	TD وطدة violent blow
* ave-SAK-ta, fixed	SK وثق to fasten, be firm, steadfast
* a-SAK-ti, fastening	SK وثق to fasten
* DANDA, staff, stick (n)	DD=TD وتد stake, stick
L ₂ * DANDA-na, beating (n)	DD=TD وتد stake vfn.
* DANDA-NAYA-ka, judge	prec.+N نهى wisdom, prudence
ن WAND, rod of authority	Eng.(N)WD ود for (وتد) stick, stake
N.B. Root of WAND is unknown to English.	
DANDA-ni-PAT-aha, rod+descent	prec.+PT هنت to fall
* upa-KUDA-na, singeing	upa=above KD وقد to burn
* KUL, singe (KUD) 1/d	KD وقد to burn
* KUD, singe, scorch	KD وقد to burn
KHATI-ka, chalk, white limestone	KT وخط to whiten
* GARI-man, weight, dignity	GR وقر weight وقار dignity
* GUR-a, heavy	GR وقر weight
GIR-a, heavy=mountain	GR/ZR وزر weight, وزر mountain
L ₂ * GIRI-KU-hara, mountain cave	GR=ZR وزر mountain KV خوى be empty
CAVE, hollow	Eng. CV خوى to be empty
L ₂ GHUSH, fill w. sound, resound	GSH وقتش commotion, voice
VOICE (VOX)	Eng. VX=VKS وقتش voice
* GAURA-va, relating to guru	GR وقر burden وقار dignity
GHANTA, a bell (N)	GT قحط to strike violently nfv.
cf. دق to strike (a clock)	
GHANTA-TADA, striking	GT قحط to strike nfv.=bell
a bell (N)	TD وطدة violent blow, thrust
TAD, strike, a blow	TD وطدة violent blow
TIG, be sharp t/d	TG=DG ودق to be sharp
TIGI-ta, sharp-pointed t/d	DG ودق to be sharp
TIG-ma, hot, passionate t/d	DG ودق to be in heat (she-ass) وإدق in heat
TIG-ma-kara, hot-rayed=sun	t/d DG وديقة intensesness of heat
L ₃ ut-TEG-ana, whetting t/d	TG=DG ودق to be sharp (sword)
TEGH, sword (Persian)	TG=DG ودق be sharp (sword)
DAGG-er, stabbing weapon	Eng.DG ودق be sharp (sword)

TUD, strike, push	TG وطدة violent blow, thrust
TUG, strike, push	TG وتغ to strike w. stick
TRI-NA-ta, bent in 3 places=bow	TR وتر odd number, i.e. 3N حتى to bend
KHSHY-am, to shake	KS وخص to quiver
TUR-ya, musical instrument	TR وتر string of a musical instrument
VIA-KULA, filled w. (KRI)	V=B ب with KR وكر to fill
TEG-ana, sharpen, heat	DG ودق be sharp ودق heat
TEG-as, consisting of light	DG وديقة intensesness of heat
TAIK-shana, sharpness, heat t/d	DK ودق be sharp وديقة heat
DUH, milk	DH وضح milk
KAS, scratch	KS وقس scratch
* RUH, redden (RUDH)	RD ورد be red (dropped)
L ₂ * ROHI-ni, red cow (RUDA)	RD ورد to be red ,,
* RAUDI-ra, consisting of blood	RD ورد be red
* LUHA (LUH=RUDH) red	RD ورد be red
N.B. "D is sometimes lost" (LIDDEL P. 171). In sanskrit this elision of a letter or suffix is called LOPA (LB=SLB سلب negation). Therefore mark the change viz. ورد = RUDH=RUH (d dropped)=LUHA (R changed into L) The result is that ورد has become LUH, losing every original letter. Philology has many surprises.	
* RED Eng.	RD ورد be red
* ROSE (RHODE) Eng.	RD ورد rose
* Vi-PURA, abundant	PR وفر be abundant
* SAGH=SAH, be able to bear,	SG وسق to load, to contain take upon o. self
N.B. in SAH, H=lost GH cf. حمل load حمل to bear the responsibility for.	
abhi-TAD-ana, beating blow	TD وطدة violent blow
a-LOHI-ta, bloodless	RD ورد red
(RUDDAH)	
a-SAMA-ya, unseasonable time	SM وسم mark (cf. موسم season)
DAGH, reach to	DG ودق to approach to
L ₂ DAGH-na reaching to	DG ودق approach to
DHUK-na, approach (HINDI)	DK ودق approach to
* DHI-SAKI-va, councillor, minister	D دهاء sagacity دهى wise SK وثق trust, rely, upon

DHI-van, skilful	DH دہ skilful, crafty, clever (root دها)
* BALA-ha-ka, rain cloud	BL وبل heavy rain
غ RAG-ata-ADRI, silver mountain	RG ورق silver DR=ZR وزر mountain ↑ هرد
H ₂ * 1. RUDH, redden	RD ورد be red
2. RUDH, grow, sprout	RD عرد to grow (Plant)
H ₆ 3. RUDH restrain, hinder,	RD ردع to restrain, رد
shut, lower drive away	to shut (a door), drive back
exclude, attack	رد seclude o'self f., ورد attack
opposed, repugnant, to	عارض to oppose, thwart D/ض
follow at o'heels	عرض to follow the traces of a.o.
VI-ni-SK-aya, firm resolve	SK وثق be firm steadfast
SMA-la, blemish taint	SM وسم blemish, stain
* SA-GAURA-vam, w. dignity	SA شاع accompany GR وقار dignity
H ₃ VIA-KULA (KRI) full, sleep,	KR وكر fill هكر to be sleepy,
bewildered, busy w.	astounded عاقر apply on's self to, be occupied
sam-TANA, continuous flow	TN وتن flow continually
SAP-ar, serve attentively	SP وصف fitness for service وصف servant
KAND-ra, shining=moon (N)	KD وقد be lighted, kindled
KAND-ra.HASA, moon-laugh=beam prec.	+ هاشا to joke
SAIG-ra, rapidity	SG وسج walk quickly وساج swift
SRO-ni, hip	SR وثر be fleshy, fat
SUR-een, hip Pers. een sfx.	SR وثر be fleshy, fat
BUM, buttock	Eng. BM=FM فعم become fat, fill
SIG-ra quick	SG وسج walk quickly
L ₂ sam-TANA, continuing	TN وتن to stay long
con-TINUE	Eng. TN وتن to flow continually
DHAUK=DAG, approach	DK ودق to approach

Restore initial ي

* NABH, spring	NV NB ينبوع spring نبع issue water
L ₃ * pra-GAG-ra, waking, watching	GG=GZ يقظ to be awake, wary, y lost
* JAGAD-van, awake (GUJRATI)	JGD=YGZ يقظ be awake J/Y, d/z
* JAG-na, be awake (Hindi)	JG=YG=YGZ يقظ (Y=J & Z lost) i.e. apocope

* pari-NA-ti, ripening	N ينع to ripen
* peri-NA-min, ripening, changing, developing	N ينع to ripen (hence develop or change)
RAK-ta, pale	RK يرق jaundice

BILITERAL FORMULA

Quasi-Aphesis

Restore one of the delicate letters (ع - ا - ه - ح - و - ي) as 2nd or 3rd letter to the 2 consonants. Generally A=H and H=A	
H ₂ * AS, obtain, enjoy	AS حظي obtain حظ enjoy
H ₃ AGHA, mischief, pain, guilt	AG=AK حگ mischief maker حتا pain عق disobey
AGH-as, sin	AG عق disobey, be refractory
ن * AGA-GARA, goat-swallower=AG=AZ=KZ large snake	غذی lamb K=A GR جرع swallow
* AGA-VITHI, goat-path	AZ=KZ غذی lamb VT وطى tread nfv
* A-GAMI, incest	A, bad GM جامع cohabit
* AT-i, excessive	AT عتا exceed the limit
ATI-GA, going beyond	AT عتا exceed GA جعا walk
H ₂ * ATI-thi, come to, guest,	AT اتى to come طاح to wander wanderer

N.B. Guest is not a wanderer. Arabic has separated courtesy from discourtesy. Every Homonym should be studied likewise.

*ATI-MAN-in, very sensitive of AT	عنا exceed MN منعة honour honour
* AT-tavya, eatable	AT هتا to eat TV=TB طاب be fit
AT-tri, eater, devouring	AT هتا to eat voraciously
AT-ya, running	AT حتا to run
AT-rin, voracious	AT هتا eat voraciously
APA-karin, harming	AP آف to cause damage
* APA-kara-man, delivery	AP=VP وني to pay a debt
* AP-ta, obtained	AP=VP واني obtain
L ₃ AP-ya, obtainable	AP=VP واني obtain, come to

* YAF-tan, obtain, meet,	Pers	AF=VF وافی obtain encounter y pfx.
* PA-na-to obtain, meet,	Hindi	PA = وافی obtain, meet
* PAY, discharge a debt	Eng.	PY وافی pay (a debt)
* (PAC-is) peace	↑	PC وفاق accord (wrong root)
AUSH-n-ya, heat		ASH حش kindle fire
an-AS-vas, not hvg. eaten		AS هاس to eat
* an-ASA-na, not near		AS عسى near
an-ASAVA-AKH-ya,		N نهی not SV=SF صفى to filter (wine)
not called distilled spirit		AK حكي to speak
an-AR-va, irresistible		AR=VR وعر to prevent
an-AR-ha, unworthy		AR حرى worthy of, fit to
* an-AL-am-krita, unadorned		AL حلى to adorn
an-AS-ana, without food		AS هاس to eat
an-ASI-ta, not eaten		AS هاس to eat
an-AS-nat not eating		AS هاس to eat
APAD, calamity		PD فادحة calamity آفت calamity
an-AGA, guiltless		AG عقى disobey
an-UNA, not less		UN هنة a little thing, somewhat
AB-DA, water-giving		AB عب drink nfv. D ادى pay
H ₂ ALIKA, false, disagreeable		ALK الق to lie+A, not لاق to suit
L ₂ * AV-a, favour, grace		AV=AF عفو favour
* FAV-our	Eng.	FV عفو favour
* AVA-ta, pit		AV هوة abyss, pit
AVA-ta, well		AV هوية deep well
* AL-amkar, ornamenting		AL حلى ornaments
H ₄ 1. AS, eat		AS هاس to eat
2.*AS, exist, dwell		AS عاش to live
3. AS, cast off, throw		AS=VS وأص to throw
H ₂ 4. AS-ana, shot, throw		AS حصى to strike w. pebbles+أص throw
* AS-at, existing		AS عاش live
AS-an, stone		AS عص to be hard nfv.
ASA-na, eating		AS هاس to eat
ASI-ta, to be eaten		AS هاس to eat
ASI-kni (ASI-ta) night		AS عسا to be dark (night)
ASI-ta, dark coloured		AS عسا be dark
* As-u, life, breath		AS عاش live (hence breathe)
* ASU-ra living		AS عاش to live
* ATI-theya, relating to a guest		AT اتى come, Y relating

* AY-U, lively, active		AY حى to live (nom. U)
AR-ya, noble		AR عربى be free cf. حر free-born, pure
ARYA-AGAMA intercourse		prec.+GM جامع cohabit
w. woman of upper class		or GA جحا to walk to (etym. dub)
* ASA, hope		AS عسى hope
H ₃ * ID, comfort, sacrificial prayer	ID	هوذ be at rest هدى victim of slaughter
		دعا invocation, prayer
H ₂ * IG, move, drive away		IG هاج be stirred هزأ drive
IS, rule, be master of		IS عز conquest, mastery
* IS, ruler, lord		IS عز power, mastery
* UD, above S lost		UD=SD صعد ascend
UT, over S lost		UT=ST سطع to raise
H ₂ * EG, move, quake	g/z	EG هاج be stirred هز quiver
ENA, here		ENA هنا here
H ₂ * ESHA, seeking wishing		ES اسعى seek SH شاء wish
prati-ANI-ka, face against		VRA ورا against عين countenance
H ₂ 1. SI-ta (ASI-ta) black		AS عسا be intensely dark
H ₂ 2. SI-ta, white bright		S اشع reddish white اشع spread rays
* pari-ESH-na, search		ES اسعى to seek
pra-HVA, bent		AVA عوى to bend
* pra-AVI-tri, protector		AF=KF خفى conceal (hence protect)
* pra-ASU-ra, free f. living creatures		pra-ASU-را beyond AS عاش live
pra-USH-na, burning		USH حش to kindle fire
pra-SU-ka, rapidly (growing up) again (ASU-ka)		PRA=VRA ورا behind i.e. again
* SA-tva, being (AS)		AS هسع to hasten, be quick
L ₃ * SA-ti, being (AS)	Skt.	AS عاش to live
* HAS-ti, being	Pers.	HS=AS عاش to live
* ESSE, be (IS)	Latin	ES عاش live
sam-OK-as, dwelling together		OK عكى dwell ثم collect
* AMA-ya, sickness		AM هم waste (body-disease)
* VI-AGA, deceit (ANG) (n)		AG اغوا deceit, seduction
VI-AGA-SUP-ta, feigning sleep	prec.+SB	سبح to sleep
prati-USHA, daybreak, dawn		USH اشع spread rays (sun)
* -UPE-ya, be met w.		UP وافی encounter, meet
pari-ANKA, squatting posture		AK اتقى to squat (n)
-ESH-tavya, to be sought		ES اسعى to seek
L ₂ * ud-IRA-na, hurling		IR هار hurl down

* HUR-1, URU, broad	Eng. HR هار <i>hurl</i> down UR=VR واره broad
L ₂ URU-NAS, a, broad-nosed NOSE, promonotry (NESS)	Eng. NS نص utmost limit cf. انف nose, extremity
sam-IDH, flaming=log	ID حضاً kindle fire
* AG-ni-DAG-dha, burnt w. fire	AG اجة fire DG=ZG زخ burn
* AG-ni-DIP-ta, fire+blaze prai-ADHA-tri, setting fire	AG اجة fire DB ضيا to burn AD حضاً kindle fire
H ₃ 1. USHA, burn 2. USHA, dawn 3. USH-a desirous	USH حش kindle fire USH اشع spread rays (sun) SH شاء desire
USH-ar-BUDH, waking early	see USHA (2)+BD بعدة wariness (i-e. awake)
H ₄ * USH-as, dawn, morning, red night, evening	USH اشع spread rays (sun) اعيس reddish, عسا be dark (night) عشية evening
* USH, dwell (VAS) USHO-GALA, dew	S lost see (USHA (2)+GL=SGL سجل pour (water)
USH-na, hot	USH حش kindle fire
* USHU-DIDHI-ti, sun USHU-BHAS, sun USHU-RAS-mi, sun USHU-RUK-i, sun USHU-VAR-ana, umbrella USH-na-AmSU, hot-rayed= sun (m)	USH اشع spread rays (D) D ضياء light prec.+BS بص shine prec.+RS عرص to flash prec.+RK راق shine prec.+VR وري cover USH حش kindle (i.e. hot) AS+ اشع spread ray
USH-ni-man, heat	USH حش kindle fire
* pra-ANA, breath	N/R AN=AR اراح to take breath
* pra-NA-pari-KASHI-na whose life is on the decline pra-AS-a, eating	N=R روح breathe of life KS وكس decrease AS حاس eat
L ₂ pra-AS-u, very quick, swift HAS-t-en	AS هسع be quick, hasten Eng. HS هسع hasten
APA-IKSH-a, looking about	AP عاف to circle KSH تشع see
* ATI-sam-NIDH-ana, excessive nearness	AT عتا exceed ND عند near
* AT, visit	AT=AD عند to visit

an-AP-ti, failure	N نهى not AP وافي obtain
an-AP-tri, not obtaining	N نهى not AP وافي obtain
an-AS-ishta, slowest (ISHTA splt.)	N نهى not AS هسع be quick+ISHT
* an-ASRI-ta, independent	ASR حصر to limit N نهى not
* ANTI-ma, last, final	ANT انتها end
* AN-ya, from	AN عن from
* AP-tya, patronymic AMA-GAVARA, dysentry (v)	AB اب father AMA امعا intestines GR جر pull
* AR-at, far, near	AR=VR ورا beyond, near
* ARA-va, cry, yell	AR عر to cry, low
* ARE, far, without upa-AKHY-na, sub-tale	AR=VR ورا beyond AKY حكاية tale+sub
* upa-ADHY-aya-teacher	ADY هدى guide, show the way
* upa-AR-tana return	AR حار to return
AYE, interj. of surprise	AY اى O, ho, halloa
prati-AD-itsu, desire to gain	AD=HZ حظي obtain S شاء desire
* —ADE-ya, be received receive benifit	AD ادى pay, restitute
AT, descend	AT حظ go down, alight
—UD-yama, counter-weight	PRA=VRA ورا against UD اودة weight
—UD-yamin, balancing	prec+UD اودة weight
—UD-yatri, assailant	UD عدا attack, rush
—USHA, daybreak	USH اشع spread rays (sun)
* —USH-as, hindrance	US=VS وعث to hinder
L ₂ viti-UTTA-ram, without speaking	UT هت to utter
UTT-er, speak	Eng. UT هت to utter
* VI-AS-u, lifeless	AS عاش live
* vi-AS-ta, counterplaint	V=F فاء return سوا to blame
* sa-praty-AS-am, expectantly	SA شاع with AS عسى hope
* sam-ADHI-gama, understanding	AD عهد be acquainted w.
* sam-AS-ta, united	AS عضا unite
ANG, limb (N)	AG=AZ عضو limb
YAVA, limb	YV=ZV عضو limb
L ₃ ENDH-an, fuel Hindi (N)	ED حضاً kindle
su-sam-IDH, good fuel	skt. S صح good ID حضياً kindle fire
HAIZ-um, fuel	Pers. HZ حضيا kindle

H ₂ * su-ADH-i, thoughtful, heedful	AD عد think عهد observe carefully
* ADH-yaya, repeating	AD عاد repeat
L ₂ * su-ARDH-ra, very wet	d/z ARD اراض to irrigate
* IRRIG-ate	g/z Eng. IRG=IRZ اراض irrigate (روى)
* a-pra-USH-ta, not absent	a, not ورا far USH عاش live, be
UPA, up	UP يفع climb
UPA-ma, uppermost	UP يفع climb
* BUL, submerge	BL بلع to swallow (transf.)
an-APEK-sha, not regarding	BK بقا to look at
AMUR-at, wise	MR مرة intellect
an-ava-BHADDA, unperceived	BD بضع understand
APEK-shy, regarding, waiting	BK بقا look at, expect, watch
* a-pratti-BADDHA, not+	BD بعد distance
	distance
A-BHOGA, lack of enjoyment	BG بهج to cheer
A-BHOG-ya, not to be eaten	BG بيع to eat
BHATTA for (BHAR-tri) doctor	BR برء cure
BODHA, knowledge	FD افادة knowledge
BHILU-ka, timid	BL بلى be effected w. fear
L ₂ * ut-PADA, birth	BD بدأ create
H ₂ * PAIDA, born, manifest, Pers.	BD بدأ create بدا reveal, manifest
* a-VEDA-ka, informing	VD=BD بدا reveal+افاد acquaint
	a.o.w,
* ut-PAT-ti, birth, origin	BT=BD بدأ create, begin
ut-PAT-ana, tearing out	BT بط to tear
H ₂ ut-BHEDA, appearance, burst	BD بدا appear بده overtake suddenly
	forth
H ₃ KACCHA, bank, shell, mouth	KS قصا bank كشح shell خش crack
ko-VID-ara, splitting well	K=S صح well VD=BD بضع split
H ₂ prati-BHA, light, intelligence,	BHA بها shine, be intelligent
resemblance, image	بوا equality
pra-BADHA-ka, repelling off	BD بعد drive away ورا off
pra-BHA, shining forth	BHA بها shine
pra-BHU, abound	BH بهى enlarge
BAMH (BAH) increase	BH بهى enlarge
* BATA, interj. of astonishment	BT بهت be astonished
BAHU-la, large, wide	BH بهى enlarge
BAH-is, abundant, much	BH بهى enlarge

H ₃ BADH, drive away, remove,	BD بعد drive off بد remove
trouble, loathe	بد destitution a BD=BZ بدأ to loathe
* BHAN, declare, perhaps (BHA)BN	بيان declaration ↑
say	BH=FH فاه speak
H ₂ BAHU, arm, as a measure (H)	B باع fathom, measure of 2 arms
staong	high rank cf. طويل الباع powerful
BADH, loathesome	BD=BZ بدأ to loathe
BILA, hole, cave, opening	BL بلعة hole
* PHALI-GRA-hika, bearing fruit	BL حبل fruit GR=ZR وزر bear
BHAK-sh (BHAG) eat, devour	BG بيع eat to surfeit
BHARA, burden	BR بهر to overload
H ₂ BHUG, enjoy, eat	BG بيع rejoice بيع eat
ATI-DUR-GA-ma, very	AT عتا exceed i.e. very
hard to traverse	DR=RD عرد hard G جعا to walk
H ₃ BHUG, enjoy, enjoy carnally,	BG بيع rejoice BG=BZ باضع
possess	cohabit, BZ=KBZ قبض possess, k
	lost
H ₃ BHREE, fry,	BR ابهر be exposed to heat,
to reproach, support	to slander BR=RB ربا to raise
BHARI, hold, support	BR=RB ربا to raise
H ₂ BHRI, nourish	BR=RB رب bring up a child ربي
	to foster
fill	BR=SBR صبر to stuff, s lost
BHUSH, adorn, decorate	BSH=VSH وشح adorn
BHUSH-ana, ornament	BSH=VSH وشاح ornament
L ₂ TANU, body	TN تن body طنة Pers
TANU-na-PAT one's own son	prec.+PT فتى young of any animal
TANU-SUBH-ra, decorating body	prec.+SB صبح be comely
RD, stir, move	RD=RZ رهز stir, move about
* BHAV-ana, dwelling	BV بوا prepare lodging بواة dwelling
* BHAVA, existence	BV بوا to dwell
BHAVA-na-SIKH-in	BV بوا dwell i.e. domestic
domestic peacock	SK شيق top or (crested)
H ₆ BHOGA, eat, enjoy,	BG بيع eat بيع rejoice G.B.
	advantage جاب profit
sexual enjoyment	BG=BZ باضع cohabit
perception, property	بضع understand بضاعة goods
BHOGA-kara, affording joy	BG بيع rejoice

H ₃ BHOG-in, eating	BG بجمع eat بجمع rejoice
enjoyment, hvg. coils	BG=GB قبا to bend, to fold
BHOGA-ka, eating	BG بجمع to eat
H ₃ * BHOG-ana, food, pleasure,	BG بجمع eat بجمع rejoice بضاعة goods
property	
VARI-tri, chooser	BR برع excel
VARI-yas, more excellent	BR برع excel
VARA, choose, love	BR برع excel (hence love)
VAR-ya, to be chosen, excellent	BR برع to excel
* VAL-h, test w. a question	BL بلي to test, try
H ₂ VAS-a, lowing=cow, resound	BS باش vociferate, be noisy
cf. GU, crier, cow	G عج to bellow (ox) cry
HIM-A, water	HM هما to flow (water)
VI-APADA, death, destruction	BD باد perish, be lost
sam-BADDH-am, relation w.	BD ابض to fasten
H ₂ sam-BHOGA, sexual enjoyment	BG=BZ باضع cohabit + بجمع joy
* BHAVA, existence, life	BV بوا to dwell (hence live)
* BHAVA-KKHID, destroy +	prec. + قض destroy
existence	
* BHAV-ana, dwelling, abode	BV بوا dwell بائة dwelling
* BHAV-ISH-ya, about to be	IS عسى near BV بوا come back to
* BHAGA-DHE-ya, share due	BG=BZ بعض share D ادى
	pay+y able
* BHAGA-SAS, in parts	BZ بعض part SS=KS قص cut
BHAGI-kri, divide	BZ بعض divide
H ₂ * BHASH, speak, say, discuss	BS بث divulge a th. بحث discuss
BHUK-ta, eaten (BHUG)	BG بجمع to eat
BHUG-ISH-ya, bestowing food	BG بجمع eat IS آس bestow
* BHRI, hurt, injure	BR بحر cut, slit برح afflict
vi-PAT-ana, splitting	BT بط to split
* VI-PA-na, sale	BA باع sell
vi-BHRA-tri-vya, rivalry	BR باری to vie w. باهر vie w.
KO-VID-ara, splitting well	BD بضع to split K=S صح well
vi-BHR-anti, perturbation,	BR بحر be seized w. fear,
delusion, error	be confused
vi-BHED-a, splitting	BD بضع to split
vi-BHET-tri, destroying	BT=BD اباد detroy
* VI-BHR-amsa, ruin	BR بار to perish

A-BHRA-tri-vya, lacking rivals	BR باری vie w. A, not
L ₃ A-BHRA-tri, brotherless	BR باری imitate حبر like, equal
BRO-ther, equal	BR باری imitate BRA-der حبر equal
a-VIRA-man, without ceasing	BR برح to cease
a-VIDYA-mana, not existing	BD بدا appear cf. بدأ create
* a-VITA-tha, not false	BT بهت lie
a-VRI-ta unchosen	BR برحة choice برع excel
* a-VIR-aha non-separtion	FR فرع to divide i.e. separate into parts
* a-prati-BADDHA, not+ distance	BD بعد distance
* a-BHAG-ya-mana, not severed	BG=BZ بضع to cut, split
* abhi-VANKA, desire for (n)	B ب for BK بغى desire
* upa-PADA-ka, effecting, (fit)	BD بدا to seem good, fit, appearance, demonstration to appear, become manifest
* upa-BLA-va, misfortune	BL بلا misfortune, trial
PATI-tva, wedlock	BAT بات marry
H ₂ PAT-i, husband, lord	BAT بات marry + فتح conquer
H ₂ PAT-ui, wife	BAT بات marry + فتح conquer
PARI-VET-tri, before + marry	VR ورا before BT بات marry
* PAUR-ti-ka, of charitable work	BR بر bestow bountiful gifts, good work
prati-BODHA-V-at,	BD بضع understand
possessed of understanding	V حوى possess
prati-BHEDA, sevrance	BD بضع cut, split
H ₂ -BODHA, knowledge,	BD افادة Knowledge BD بعدة
awakening	warinss
H ₂ * -VIRA-ti, each cessation,	BR برح to cease
or disappearance	BR=VR وری conceal
pra-BAR-ha, most excellent	BR برع excel + PR فرع overtop
-BANDH-ri, composer (n)	BD ابض fasten
-BANDHA, ligament (n)	BD ابض fasten
-BADH-ana, repelling	BD بعد drive off
pra-BUDDHA, awake, watch-ful	BD بعدة wariness cf. يظن awake, wary
H ₃ * -BODHA, awaking manifest,	BD بعدة wariness بدا be manifest,
appearing, understanding	appear بضع understand
-BHEDA, cutting through	BD بضع to cut ورا through
PHALA-AG-ama, advent of	BL جبل fruit GA جاء come
fruit	
BAT, truly	BT بحت true, pure

H ₂ * BAUD-DHA, relating to	BD بضع understand +D عاد come back to
understanding, kept in mind	BD=FD فؤاد heart D ودع confide
* BRA-h-man, devout man	BR بر just, pious, innocent
BHA-RIGI-ka, brilliant w. light	BHA بها light RG رعج shine
* BHANDA, wares, pot, dish(n)	BD بضاعة wares, goods
* BHAND-ara, warehouse (n)	BD بضاعة wares
* BHANDA-RI-ka, supdt. of warehouse	BD بضاعة wares R رعى to watch
*BHA-TVAK-shas, hvg. mighty light	BHA بها light TK طاقة might (v)
BHA-nu-mat, luminous=sun	BHA بها shine
* BHAR-ya-GI-ta, ruled by wife	BR=RB ربة lady G حج overcome
BHASHA, bark at	BASH باش make noise
BHASH-a, barking=dog	BSH بوش uproar
BARK, cry (R) Eng.	BK بقع to cry, yell
BHASHA, speech	BS بث to divulge a th.
BHA-la, splendour, forehead	BHA بها splendour (transf.)
* BHIND-u, destroyed=drop (N)	BD باد perish, be lost اباد destroy
BHU-mi, earth, place	BH بهو large plain + بوا dwell, stay
BHU-mi, GARTA, earth hole	prec.+GRT خرت hole cf. اكرة hole
BHU-mi-GOSHA-na, choice of ground	prec.+GS خص specify خاصة choice
BHU-mi-KALA, earthquake	prec.+KL قل shudder
H ₅ VADH, destroy (BADH)	BAD باد perish اباد destroy بعد
drive away, strike down, kill, slay	drive away هبت strike عبط slaughter
pra-VARA, select, excel	BR برع excel بارع distinguished
VAR-a, chooser, husband	BR برع excel (hence choose) refers to سومر
VARA-TANU, beautiful form	BR بارع be beautiful TN طن body
VARA-ANGA, best part= head (N)	BR برع excel AG=AZ عضو limb, part
VARA-ANAna, fair-faced	BR بارع beautiful AN عين face
VARA-YUVA, beautiful maiden	BR بارع beautiful YF ينع young
H ₂ 1. VARI-yas, more excellent	BR برع excel YAS comparative sfx.
2. VARI-yas, broader	VR واره broad ,,
VAR-enya, most excellent	BR برع excel ,,
VAR-ya, be excellent, chosen	BR برع excel (hence choose)

VET-tri, knower	VD=FD افادة knowledge
1. VID, know	FD افاد to acquaint a.o.w.
H ₂ 2. VID, find, obtain	BD ابدأ find out افاد obtain (profit)
3. VEDA, tuft of grass	BD=DB هذب tuft of hair
H ₂ VED-as, knowledge, gettings	FD افادة knowledge فاد accrue (benefit)
VYADH, split, perforate	BD بضع to split, lance
H ₃ * VRA-ta (1) obedience, law, duty	(1) BR بر obey بر good faith
(2) dominion, regular sphere	(2) بر land, province
(3) holy work, vow	(3) بر do good, be inviolate (oath)
VRA-tin, practising vow	BR بر be inviolate (oath)
* SA-BAHU-MAN-am, with great respect	SA شاع accompany
* sam-anu-VRA-ta, obedient	BH بهي enlarge MN منعة honour
SA-bhru-KSHEP-am, with frown	BR بر obey
	SA شاع with BR عبر margin i.e. brow KSP كسف to frown
H ₂ * PAT-tavy, appear, be born t/d	BT=BD بدا appear بدأ create
* ut-PAT-ti, birth, origin	BD بدأ create, begin
* ut-PADA, birth	BD بدأ create, begin
PURO-anu-VAK-ya, be spoken before	PR=VR ورا before
* -PADA, commencement	VK=BK بق talk much spread news
* -PADI-ka explicit	BD بدأ begin
pra-BAL-ya, predominance	BD بدا be manifest
-BHR-it, gift, offering	BL بل على overcome
an-ut-PADA, non-appearance	BR بر bestow gifts
an-ut-PAT-ti, non-production	BD بدا to appear
a-VAK-ya, not to be uttered	PT=BD بدأ create cf. بدع produce
a-VIND-at not finding out (N)	BK بق talk much
* a-vi-BHR-anta, immoveable	BD ابدأ find out
a-VRI-ta, unchosen	BR عبر to pass, cross
* prati-pra-BHRI-ta, counter-present	BR برع excel cf. برحة choice
* prati-PRI-ya, counter-tavour	BR بر bestow bountiful gift + ورا
-BODHA-niya, be awakened	BR بر do good, beneficence + ورا
H ₂ 1. VAK-ya, yell, answer	BD بعدة wariness
2. VAK, announce speak	BK بقع to yell
-VADA, rejection, refusal	BK بق spread news, talk much
	BD بعد drive away

-VAD-in contradicting	BD بعد drive away
-VADI-tavya, be combated	BD بعد drive away
* -BHOGA, enjoyments	BG بهجة joy
pra-VI-BHAGA-V-at, hvg. subdivisions	BG=BZ بعض divide V حوى have
L ₂ VIGGA-la, slimy	BG بقعة swamp=BOG Eng.
vi-BHAK-ta separating (BHAG)	BG=BZ بضع cut, split
vi-BODH-a, awaking	BD بعدة wariness cf. يقظ awake, wary
* vi-BHISH-ana, frighteign	VSH وحشة fear
vi-BHUSHA, ornament	VSH وشاح ornament
vi-BHEDA-m, splitting	BD بضع split
vi-BHEDA-na, split, pierce	BD بضع split, to lance
vi-BHEDA-ka, distinguishing	BD بد to separate cf. بضع split, be clear
H ₃ vi-BHED-in, piercing, dispeiling, removing	BD بضع to lance بعد drive away بد remove
vi-VAT-ta, separation v/b, t/d	BD بد separate
vi-BHA-VAS-u, radiantly bright	BHA بها light BS بص shine
L ₂ BHRA, shine BRI-lliant	BR بهر shine BR بهر shine
H ₂ vi VAK-su, crying aloud, speak, announce	BK بعق to cry بق talk much, spread news
* vi-VAT-su, wish to say (VAD)	BD بدا make manifest S شاء wish
* vi-VADI-SU, wish to say	BD بدا make manifest S شاء wish
* vi-VADI-shu, intend to say	BD بدا + شاء wish
vi-BODHI-ka awakener	BD بعدة wariness
H ₂ vai-BHA-va, grandeur, high position, power	BHA بها splendour باع high rank (hence power)
vai-BHASHI-ka, optional	BHS بش ل undertake joyfully
* via-vi-VRI-tsu, wish to rid	BR برى get free S شاء wish
H ₃ * via-VRI-t-ti, deliverance from, exclusion, difference	BR برى get free فري to cut فرع divide
* sam-vi-BHAG-in, sharing	BZ بعض share
sam-vi-VID, understanding	BD بضع understand
* sam-VIDHA-tri, creator	BD بدا create
* sam-VEDA, information	FD افاد to acquaint a.o.w.
VAK-sam-TAK-sha-nais, by cutting speeches	BK بقى talk much TK تك cut
H ₂ sa-pra-BHA, having same lustre or appearance	BA بها light + باح appear S سواء equa!

H ₂ * sa-PHALI-bhu, fruitful or success-ful	BL حبل fruit PL فلاح success
* sa-BHAGA-ya, show honour, attention	BG=VG وجه honour, regard
ASRI, edge, corner	SR سحر edge
* sam-PAD-ya, to be produced	BD بدأ create بدع produce
* sam-PAT-ti, origin, production	BD بدأ begin, create بدع begin, produce
H ₃ * -PADA-ka, producing, clearing, procuring	BD بدأ create بدع produce بدا make manifest ابدأ find out
-VAR-taka, creator	BR برأ create
-BODHA-na, awakening	BD بعدة wariness
H ₂ -BODH-ya, be instructed or enlightened	BD بعدة wariness بدا make manifest
-BHAK-ti (BHAG) distribute	BG=BZ بعض divide
H ₄ -BHARA-ma, confusion, beauty, grace, respect,	BR بحر be confused بحر beauty ابرح to honour, to please
haste, zeal	FR فور hurry ebullition
-BHED-ya, pierced	BD بضع to lance
* -BHOGA, enjoy	BG بهج rejoice
-BHAGA-na, common meal	SM سم be common BG بجمع eat
-BHEDA, sowing	BD بضع to split dissension
sam-BHR-anta, bewildered	BR بحر be confused
sam-VRI-tta behaving kindly	BR بار show kindness to
L ₂ SAR-VA-VIK-rayin, selling all (R)	SV=SB ثبي collect, complete YK=BK باك sell
H ₂ RUP, disturb, violate	RB راب disturb راب to slit
SARVA-VED-in, knowing all	FD افادة + ثبي knowledge
-ABHAR-ana-BHUSHI-ta, adorned w. all ornaments	BR حبر + ثبي adorn BSH=VSH وشاح ornaments
sa-VYAGA, lying	BG بغي to lie
* BHUR, move convulsively,	FR فار spurt forth, to throb throb
BHUR-anya, be restless, active	FR افر be active
BHUR-ana, active	FR افر be active
* DHAK-KHDA, tooth-cover, lip	DK ضاحكة tooth KT غطا cover

DHALA, shield (cover, screen)	DL دخل to conceal cf. ستر conceal, shield
H ₂ * TAP, be warm, suffer pain	DP دفي be warm TB تعب toil
* TAP-as, heat	DP دفي be warm
DAS, suffer, want, languish	DS دث to distress (fever)
DIP-ALOKA, lamp light	DB ضيا burn ALK الق flash
* DURO-na, house	DR دار house
DUR-GANDHA, bad smell (n)	DR داعر bad GD قدأ good smell
H ₂ * DUR-ya, of a door or dwelling	DR دار house+ترعة door
H ₃ * DUL, raise, swing, whirl up	DL دلا draw up ودل churn دال revolve
H ₃ DRI heed, consider, respect	DR دارأ treat kindly DR=ZR عزر honour
DOLA, swing	DL ودل to churn دال revolve
DOLA-YUDDHA, wavering battle	DL ودل to churn YD=JD جاهد to fight
DAUR, bad, wicked	DR داعر bad, wicked, lewd
* DVI, two	DF ضعف double
* DVI-PA, drinking twice=elephant	DF ضعف double B عب drink
DHRI, become old	DR درح be old
DVI-PAD, 2 footed=man	DF ضعف double PD فد tread
DHU-PA, aromatic vapour	DH داح perfume PA فاح boil
DHU-P-in, perfuming	DH داح perfume فاح diffuse perfume
pra-TIP-ya, hostility	TP=DP دفع repel
DAS-ana, tooth	DS ضهس bite w. tooth nfv.
H ₂ * a-DHI, receptacle, pledge	D دوع deposit وضيعه pledge
* ADHAR-a, needy	DR ضرة need
H ₂ 1. DRU, to hurt	DR ضر injure, harm
8. DRU, to hurl	DR درأ thrust back
DAUR-GAT-ya, distress	DR داعر bad GT خطة affair
DAUR-BHAG-ya, misfortune	DR داعر bad BZ بعض share
DAUR-MAN-asya, sadness	DR داعر bad MN مائن think
DAUR-MAN-trya, bad counsel	DR داعر bad MN مائن think cf. رأى think رأى advice
H ₂ para-DUSHA-na, ruin of foe	DS دسيس tread upon دعت rancour, hatred
VAIR, enmity	Skt. VR وحر rancour, hatred
DUSH-man, foe, hate	Pers. DS دعت hatred

FOE=FIend=hate	Eng. F عاف to loathe, abominate
H ₂ DHAR-ma, custom	M sfx DR دهر custom
DHARMA, duty, law, faith (R)	DM=ZM ذمة duty, compact, conscience, عزيمة duty imposed by God
DHAMMA, duty, PALI	DM=ZM ذمة duty عزيمة duty imposed by God
DAUR-VARA-tya, dis-obedience	daur=dis BR بر obey
* DAUVAR-ika, door keeper (v)	DR دار house ترعة door
DAUSH-krita, baseness	DS ديث to abase
* DYAVA-PRITHI-viya, relating to heaven and earth	DV ضو light=heaven PRT فرطح be wide=earth
* DYU, sky, brightness	DY ضياء sunlight
H ₂ 1.* DY-ut, shine, splendour	DY ضياء sunlight
2.* DY-ut, broken	D هد to break
* DYU-MANI, sky jewel	ضياء+MN=JMN جمان jewel, J lost
* DYO-tis (GYA-tis) light, star	GY=ZY ضياء light
DAUS, disease	DS دعت illness
* DHA-na, deposit, wealth	D دوع deposit, be wealthy
* DHA-na-KSHA-ya, loss of money	D دوع + KS وكس loss
* DHA-na-GUP-ta, hoarding	prec.+GP خفي conceal
* DHA-na-GOP-tri, miser	prec.+GP خفي conceal
DHA-ni-ka, rich	D دوع be wealthy
H ₂ 1. DHANU, bow	DN دن be crook-backed (not ندى rainbow)
2. DHANU, sand bank, shore	DN عدان shore of sea
H ₂ 1. DHAN-van, bow	DN دن be crook-backed=bow
2. DHAN-van, desert	DN دهناء desert
DHAN-vantri, moving in arc	DN دن be crook-backed V هوى move
DHAN-vyana, archer	DN دن be crook-backed=bow
* DHAR-ani, supporter, earth	DR=ZR وزر bear burden
DHAR-ni, mountain	DR=ZR وزر lofty mountain
* DHARA-A-MARA, god on earth=Brahman	DR=ZR وزر bear burden=earth A, not MR مر pass (i.e. die) not dying=god
* DHARI-man, support (carry weight)	ZR وزر carry (burden)

H ₂ DHAR-man, support, custom	prec.+DR دهر custom
* DHAR-ma-SAS-ana manual of law	DR دهر custom SS ساس to train, rule
* DAS, perish	d/t TS تعس perish
* DHAR-m-ya, customary	DR دهر custom
DHUMA, smoke (darken)	DM دهم to blacken
* DAUMA-KET-U, smoke+ token	prec.+KT خط mark
DHYA-ma, fragrant grass	DA داح perfume
* DHAV-n, be extinguished	DF=TF اطفأ to extinguish
* ni-DHUV-ana, copulation	DF ضعف to double
* ni-DHUR-vi constant	DR دهرى lasting
* pra-DRA-va, fluid	DR در to flow
* pra-DRA-naka, poverty stricken	DR ضرة poverty
-DRA-vin, fugitive	DR در to run
DHAR-t-ya, fraud	DR دارأ to cheat
* DANDA, staff (n)	DD=TD وتد stake (similie of arm and thigh) (transferred to beating w. stick etc.)
human arm and thigh, pole, rod, force, power control, punishment,	
ni-SA, night ni pfx	SA عسا be dark (night)
* DANDA-GUP-ta, secret fine	+GP خفي conceal
* DANDA-na, beat, punish (n)	DD=TD وتد stake vfn.
H ₂ * DUR-ya, of door or house	TR ترعة door دار house
* DVA-SAPATI, 72	DF ضعف two SBT سبت seven
* DVI-TRA, 2 or 3	DF ضعف two TR وتر odd No. i.e. 3
H ₂ DVI-NE-tra-BHED-in,	prec.+N عين eye+عن to manage (guide)
knocking out both eyes	BD بعد drive off (knock=drive w. blow)
DVI-RADA, hvg. 2 tusks= elephant	+RD راضعة tooth
* nir-DARI-DR-ya, not poor	DR ضرة poverty
* A-DVA-ya, not of 2 kinds	DF ضعف double A, not
* A-DVI-tiya, secondless	DF ضعف double A, not
L ₅ * A-DVAI-ta, non-duality	DF ضعف double
* DU-al (DUO) two (DEF) Eng.	DU=DV=DF ضعف double
* (ZWEI) German	ZW=ZF ضعف double
* DO, two Hindi & Pers.	DV=DF ضعف double

* A-DVAI-dha, not double	DF ضعف double
L ₂ * DVITAYA, twofold دوتهی	DF ضعف two TY طية fold
* DVI-PRA-VRAGINI, woman running after 2 men=unchaste	DF ضعف two PR فر run VR وری man GN=ZN خانی woman
DHA-na-YAUV-ana-SAL-in endowed w. youth and wealth	D ودع be wealthy YF یف young SL=صلة gift (i.e. endowed)
* DHAR-ani-PATA, downpour of rain	DR در pour down (rain) PT هفت to fall
H ₂ GO-KARA, cow-pasture, sphere of action	G عج bellow (ox) KR قرعاء meadow G جاء do KR كرة sphere
DHARA-PATHA, range of sword blade	DR=ZR زر edge of sword PT فطح to enlarge (i.e. range) be broad
DHAR-tri-hinderer, keep back	DR ودر repel درأ thrust back
DHAR-ishya, resistable	DR ودر repel
DHAN-ush-mat, Bowman	DN دن be crooked-backed (=bow)
DVISH, hatred (v)	DS دعت hatred
H ₂ vi-DHAM-ana, blowing out (fire), destroying	DM حدم ardour of fire vi, negative هدم destroy vi, intensive
H ₂ vi-DHAR-ana, checking holding back	DR ودر repel, ward off, درأ thrust back
* vi-DHAR-min, transgress law	DR دهر custom (=law)
vi-DHURI-kri, cast down	DR حدر to go down, let down دهور pull down
sam-DAmSA, compression (m)	DS دعس to press+ثم together
H ₂ * sam-DHSH-ana, corrupt+ruin	DS داص fall into abasement حدرس throw down, trample
sa-DASA-GYO-tana, displaying lustre of o's teeth	DS ضهس bite w. teeth nfv.=tooth GY=ZY ضياء lustre SA شاع reveal
sam-DIP-ana, kindling	DB ضبا to burn (fire)
sarva-abhi-sam-DHAK-a, deceiving all	SB ثبی complete DK دك deceive
* JAM-at, burning	JM جاحم to light fire جاحم burning
* DHAR-a, flowing=property	DR در to flow
* sa-DHARA-ni-kri, make common property of	S سواء equal (=make common) DR در flow (i.e. property)

SAKH-na, branded	SK صنع to brand
VAJA, food	BJ بجمع to eat
* abhi-SHEK-ta, bath-keeper	SK سقى to water
* PESH-ta, scraper	PS فحص to scrape بحث to scrape
BHOJ-as, kingly=enjoy	BJ بهج rejoice
G=J i.e. ج	
vi-GAVALA, brilliant (v)	GL جلا brightness
AUGVAL-ya, brilliance (v)	GL جلا brightness cf. زلج to blaze
GAB, be cleft, yawn	GB جب to cut
* GAR-a, swallowing	GR جرع to swallow
* GAR-ut-winged (expanded leaf)	GR جارحة blade (i.e. wlng) leaf
* GARU-da, bird	GR جارحة birds of prey gfp.
H ₂ GUR-ti, proclaim, praise	GR جره proclaim GR=ZR ذرى praise
* GRI, swallow	GR جرع to swallow
H ₂ GRI, proclaim, praise	GR جره proclaim GR=ZR ذرى praise
GO, crier, cow	G عج to cry, bellow (bull)
* GHAT, strive for, endeavour	GT=GD جهد endeavour
* GHAT-ana striving for	GT=GD جهد endeavour
* GARI-tri, invoker, worshipper	GR جار beseech
* GRI, invoke, call, crackle (fire)	GR جار beseech, low (i.e. crackle)
H ₂ GALA, net, lattice	GL جال rope جلى hole
* GI, overcome, win	G حج overcome
* GRI, go to	GR جرى move, hasten
L ₂ GAR-a, lover, paramour	GR=ZR ظار love
YAR, helper	Pers. YAR=ZR ازر to help
* GARA-GARBHA, pregnant by paramour	GAR=ZAR ظار inspire w. love GRB اكرب to fill كرب to load
* sam-GA-mana, meeting	SM ثم collect=together GA جاء come
* sam-GA, together+come	SM ثم collect GA جاء come
GHUT, cushion	GT=GD جدية saddle cushion
* upa-GA-ma, arrival	GA جاء to come, arrive
* upa-GA-min, approaching	GA جاء to come UB=SB صوب near
H ₂ ukka-GIR, loudly proclaiming	GR جره to proclaim+UK اقمى rise high
GOSHA-ka, crier	GSH جيش shriek
GHOSHA, battle cry	GSH جيش shriek
* prati-GA-mana, coming back	GA جاء come PR=VR ورا behind

- * VI-GRI-va, hvig. neck twisted V عوى tw ist GR جرع swallow i.e. neck
* GRI-va, swallower=neck GR جرع to swallow

G represents K sound (i.e. ك - ق - غ - خ)

* A-GADHA, unfathomable	GD قاعدة basis, foundation, A, without
L ₂ * A-GUP-ta, unguarded	GP خفى conceal, guard
* CHHUPA-na, conceal Hindi	KP خفى conceal
* GUP-ta, concealed	GP خفى conceal
L ₂ GAN-tavya, to be procured	GN قنا to acquire
GAIN, acquisition Eng.	GN قنا acquire
* GOP-tri, protector	GP خفى conceal
pro-TEC-t (TEGO)	TG=GT غطا to conceal, cover
TO COVER Eng.	
upa-GHATA, stroke, blow	GT قحط strike violently
* upa-GRA-mam, near village kim-KAN-ya, property	GR قرية village UB=SB صوب near KNY قنية property
GAR-GARA, split, broken, frail, decrepit	GR خرع to split, be broken become weak in mind or body
GHABI-ra, deep, secret	GB غباية bottom غاب be hidden
* GHAMBI-ra, deep, secret (m)	GB غباية bottom غاب be hidden
GUADA, anus	GD قذح hole cf. AN-us عين hole
* GUP, conceal, guard	GP خفى to conceal (hence guard)
GUNA-ka, quality, virtue	GN قنا acquire, appropriate
H ₂ GUNI-ta, posses virtue, rope	GN قنا appropriate قنة rope
H ₂ GADU, hump, excrescence	GD قحدة hump غدة swelling, wen
L ₂ GAIR-ka, red chalk	GR غرى red dye گيرو (Hindi)
* GOP ana, concealment	GP خفى conceal
* GOP-aya conceal, protect	GP خفى conceal
* GOPA-yi-tavya, to be concealed	GP خفى conceal TB طاب be fit
* GOP-ana, concealing, protect	GP خفى conceal
H ₂ GUARA, red, whitish	GR غرى red غر be white
H ₂ * GRA-ma, village, multitude	GR قرية village قرة flock
GHATA, host, multitude	GT قطع flock, herd
GHAT-ana, stroke, contact, stir	GT قحط strike violently (transf.)
GHANA-KALA, rainy season	GN غين cloud خلا pass time=time
H ₂ GHAN-a, dark, slaying	GN جن be dark (night) GN قنا to kill

* GHNA-AGA-ma, arrival of cloud	GN غين cloud GA جاء come, arrive
H ₂ GHAS, eat, devour	GS كشي eat much قصع to swallow
GHUT-kara, filled w. screeches	GT تعط to cry KR وكر fill
H ₂ GANGALA, thirsty, desert (G)	GL غل thirst (n) غول desert
H ₂ * GAR-at, old, violent	GR قحارة old age قهرة violence
GAR-ad-ASH-ti, long-lived	GR قحارة old age ASH عاش live
GAR-as, aging	GR قحارة old age
H ₃ GARA, growing old roaring, greeting	GR قحارة old age GR قمر to cry قري receive guest قر rejoice
H ₂ GREE-t, receive on arrival, hail	GR قري receive a gust + قر rejoice
A-GARA, not aging	GR قحارة old age
A-GAR-at, not growing old	GR قحارة old age
A-GARA-A-MAR-tva, nat growing old and dying	GR قحارة old age A, not MR سر pass (i.e. die)
A-GIR-na, not growing old	GR قحارة old age
JR, old age	JR=ZR ذروة old age
GARI-man, old-aged	GR قحاره old age
H ₂ GAS, be exhausted, quench	GS اقص be worn out قصع allay thirst
L ₂ QUENCH, slake thirst Eng, (n)	QS قصع to allay thirst
H ₂ GRI, make old, wear out	GR قحارة old age خرع be weak in body
H ₃ *1, GYA, overpower	GY قوى overpower
*2. GYA, force, superior power	GY قوى overpower قوة power
*3. GYA, bowstring	G قوة strand of a rope
* GYA-yas, strong	GY قوى strengthen
GHAN, sound	GN اغن to hum
GHANA-GHANA, sound, rattle	GN غنة nasal voice, sound of stone
GHAR, flowing down	GR غار to go down, sink
GHARA, waterfall	GR غر to pour (water)
GHALI-ka, little pouch	GL قلع bag, K dimin. sfx.
H ₃ VIA-GHATA, stroke, obstacle, contradiction, commotion	GT قحط to strike قطع intercept, cut قحط cry
vi-AGA, deceit (ANG) (n)	AG اغوا deceit, mislead
H ₂ sam-GARA, agreement, fight	GR قار agree كرة charge of war
* sam-GUP-ti, concealment	GP خفي conceal
anu-GRA-ha, favour	GR غار to bestow
* GR, invoke	GR جار beseech, entreat

H ₂ GHOOR, kill, become old	GR عقر to slaughter قحارة old age
abhi-GHATA, stroke, blow	GT قحط strike violently
abhi-GHAT-in. striking, enemy	GT قحط strike
H ₂ a-GRA-ha, pertinacity, favour	GR غري stick to غار bestow
a-GRA-sam, to old age	GR قحارة old age a, to
H ₂ GHATTA, collision, shock, bathing place	GT قحط strike violently قحط side of river (كهاط)
GHATT-an, stroke	GT قحط to strike
GHSA, devourer	GS قصع to swallow
H ₂ GOSH-tri, sounder, proclaimer	GS وقش voice, commotion + جيش shriek
GUNA, strand, rope	GN قنة strand of a rope
H ₂ 1. GRA-ha, restraint	GR اقرع to check
2.* GRA-ha, possession	GR=ZR اذرع seize
a-ni-GADA, lacking chains	GD قيد fetters
a-ni-GRA-ha, lack of restraint	GR اقرع to check
an-ud-GHATA, no jolt	GT قحط strike violently
L ₄ GUDA, sugar (CANDY Eng. (N) كهانذ	GD قش sprinkle (sugar) nfv. كهند Pers.
* GRA-mi-na, rustic	GR قرية village
* GRA-ma-NI, leader of village	GR قرية village N عين chief
* GR-am-YA, coming f. village	GR قرية village YA=JA جاء come
* vi-GHTT-ana, separation	GT قطع put apart
H ₂ 1. vi-GHATT-ana, striking	GT قحط strike
2. vi-GHATTA, blow	GT قحط strike وقت beat
* vi-GHATA, break in pieces	GT قطعة piece vfn.
vi-GHAN-a, injuring	GN فنع to lash w. whip cf. خنأ to cut
* GAYA-ava GHOSA, shout of victory	GY قوى overpower GSH جيش shriek
H ₂ 1. vi-GHAN-a, cloudless	GN غين cloud (vi negative)
2. vi-GHANA, not stiff vi, not sam-GRA-hana, curb (horse)	GN=SGN ثخن be stiff, S lost GR اقرع check (horse)
L ₂ a-GHAR-GHAR-an, growling	GR قعر speak gutturally
GROW-l, make guttural sound	GR قعر speak gutturally Eng.
GHN-at, injury	GN خنأ to cut تنع to la sh
AHAS-nat, eating too much	HAS هاس eat voraciously
L ₂ an-a-HAT-a, not struck	HT هتا to strike (HIT, Eng.)
* a-HE-ya, relating to snake	HE حية snake Y, relating to

H ₂ HASA, laugh, mirth	HAS هاشا to joke هاش rejoice
HIKK, hiccup	HK هكع to cough
HRI, yellow	HR هري to dye yellow
* HVAL (HVRI) go astray (v) go crookedly	HR حار lose the way, fluctuate
H ₂ *HVRI, go astray, go crookedly. fall down (v)	HR حار lose the way, fluctuate هار to fall
L ₂ * ud-IRA-na, hurling	IR هار hurl down
* HUR-I, throw violently	Eng. HR ها hurl down
L ₂ ati-sa-HASA, too precipitately	Eng. HS هسع exceed شاع with هسع hurry
HAS-ten (Eng.)	HS هسع to hurry
A-KAL, spotless	KAL خال spot
L ₂ * A-KAS-mit, without cause	KS قضية matter, affair A negative
* CAUSE, legal action	Eng. KZ قضيه case of law
* A-KAS-mat-AG-antu, chancecomer	KS قضا fate G جاء come, A, euphonic
* A-KALA, unseasonable time	KL خلا to elapse (time) nfv. A=un
* A-KALA-NIYA-ma, no time Limit	KL خلا time NY لهية limit
A-KALA-HI-nam, without loss of time (HI)	KL خلا time H=S اساع to lose
L ₃ * A-KUT-a, undeceptive	KT=KD خدع deceive
* CHEAT, deceive (CAD)	Eng. CD خدع deceive
* pa-KHAND, deception Punjabi	KD خدع deceive (n)
A-KSHA-ta, uninjured, unhusked	KSH كشأ to wound, to peel
A-KSHA-ya, imperishable	KS خاس to waste, be lost
A-KSHA-ra, not perishing= word	KS خاس to waste, be lost + not
* A-KHILA, without gap	KL خلا be empty
A-KHAR-va, uncurtailed	KR قعر to cut
IKS, see	KS قشع to see
CIT, perceive, CITTA, idea	ST سطح to perceive - by smell
A-KHED-ya, not to be cut off	KD كدا cut off
L ₂ A-GIT-I, scathelessness	GT=GD كدا be blasted by cold
SCATHE, injure by blasting (SCHAD)	=(s) KD كدا be blasted Eng.
A-KAD-VADA, not ill-speak-ing	KD قدح revile BD بدا reveal A, not

* KASHI-ta, strict	KS قسى hard قسا be hard
KOPA, anger	KB خب to rage
KSHA-ta, wounded	KSH كشأ to wound
L ₂ KSA-n, kill	KS قعص to kill
KUSH-tan, kill	Pers. KS قعص to kill
L ₃ adha-KHAN-na, undermining	KN قنى dig
KAN-dan, dig	Pers. KN قنى dig
CAN-al	Eng. CN قنى dig قناة canal
an-ut-KIR-na, not hollowed out	KR قرع to empty
KUPA, a well	KP خفية well
upa-KR-it, injuring	KR قرح to wound
KATU-ra, swift	KAT خاٹ pass along quickly
A-KSHU-ma, uninjured	KSH كشأ to wound
a-kim-KAN-ya, poverty	KN قنية property A, without
H ₂ a-KUN-KANA, bend, contraction	KN كنع bend كنع shrivel
* a-KALA, at exact time	KL خلا pass (time) nfv.=time+A
a-KAM-ana, sipping	KM قمع to drink (milk wine)
L ₄ * a-KHADA, garment, cover	KD=KT غطا cover
* KAT, cover	Aryan KT غطا cover
* TEGO, cover	Latin TG=GT غطا cover
* DHAK-na, to cover Hindi D/T	TK=KT غطا cover
a-KKHURI-ta, scratched	KR قره be scratched
L ₂ UKSH-anya, desire for bulls or cattle (UKSH) sprinkle	KSH خاش sprinkle (sprinkler=bull) UKSH+SH=UKSH-anya شاء desire (Syncope)
KAPA-la, skull, medican'ts bowl	KP قحف skull, bowl
KAPA-l-in, bearing a bowl or skull	KP قحف bowl, skull
KAPI, monkey (name after habit)	KP قفا to follow تقف to imitate
* KAPI-la, monkey-coloured, brownish KAPI-sa, brownish	KP قفا to imitate nfv.=monkey KB قهب gray, brown
KAL-anka, spot, stain (N)	KL خال spot AK هقع to brand
KALA-sa, pot, jar	KL قلة jar
KALU-sha, dirty, turbid	KL كع to be dirty كع filthy
H ₂ 1. KAV-ya, composing, poetry cf NAZM, poetry	KB قبي to put in order NZM نظم to set things in order

PO-et, PO-em, POE-sy (POE)	P=B عبا prepare, set in order compose
H ₂ KAVI, wise, seer's art	وقف beKF فاف to track, prognosticate aware
H ₂ KASA, a kind of rodent, nfv, whip nfv.	KS قصع to furrow the earth (mole) قصع to strike
KATA, depth, bottom	KT غايت utmost limit
KAPA-la, made of skulls	KP قحف skull
H ₂ * KALA, time	KL خلا to elapse (time) nfv. =time
KALA-na, procrastinate (postpone)	KL كلة delay كلا be postponed
* KALI-ka, relating to time	KL خلا to elapse (time) nfv.
KAL-ush-ya, turbidness, foulness	KL كع to be dirty, filthy كع dirt
KANI-na, born of unmarried woman	KN قينة female slave N عن from
KAL-ya-day break	KL اقلع to be bright
KILA, it is said	KL قال to say قيل it is said
L ₂ * KILA, playing كهيل K/S	KL=SL سعل be brisk, glad (نشط)
L ₃ KUKKU-ta, cock	KK فاق to cluck (hen) nfv.
COCK	Eng. KK فاق to cluck (hen) nfv.
KUK-ri, hen	(Hindi) KK فاق to cluck (hen) nfv.
KUP, to become agitated, angry	KB خب to dash (waves), to rage
H ₂ KULA, family, flock	KL كل family كلع part of a flock
KULA-GHN-a, destroying race	KL كل family GN قتا to kill
KULA-PAT-ana, fall of family	KL كل family PT هفت to fall
H ₄ KAL-ka, paste, foulness, guile, sin	KL كعل to glue كلع to be dirty غل to deceive حل evil (sin)
* GUILE, deceit	Eng. GL غل deceive
L ₂ kim-KANYA, property	kim pfx KNY قنية property
GAIN, to acquire	Eng. GN قتا to appropriate, acquire
* KUT, divide, break up	KT قطع to cut, separate
KUS, encircle	KS كاس to coil
1. KUSA, grass	KS غيبث grass
2. KUS-A, skilful	KS كاس to be shrewd كيس skill
KUN, to contract	KN كنع to shrivel
H ₂ KUPA, a well, pit	KP خفية well كفة pit
H ₂ KULA, bank, hill, slope	KL كلا bank قوعلة hill (slope implied)

KUL-am, KASHA, carrying away the bank	KL كلا bank KS قث to drag, pull out
* KUL-am-GA-ti, growing on bank	KL كلا bank G=Z زها to grow
KIR-ta-TIR-tha, to which stair has been made	TR ترعة stairs KR=RK رك make compact
KEKA, cry of peacock	KK فاق to cluck فاقا to croak
KEP-i, trembling	KP قفة shiver
H ₂ KO-MAL-A, easily fading, soft	ML مل be weary همال soft
KUDI, fetter	KD قيد fetters
KU-SISH-ya, bad pupil	SS ساس to train KU=SU سوء bad
KOLA, a kind of perfume	KL غالية perfume
H ₄ KOSA, tub, shell abode, collection	KS كاشح vessel قاشح shell قش to remain at home قش collect
KUPA-a, coming f. a well	KP خفية a well
H ₄ LAKH, meet, attach, follow closely, to touch	LK لقي meet علق to cling to لحق to follow a.o. الحق adjoin
H ₂ LAK, obtain, taste	LK لقي to meet لقي to lick
H ₂ KAUPI-na, loin cloth, infamous deed	KP كيفة piece of cloth كف to wrap in a rag وكف to commit an offence
H ₂ * KRA-tu, will, power	KR خار to select خبر to authorise
* KRA-tu-ya, to will earnestly	KR خار to choose
H ₃ KRU-ra, wound, cruel, terrible	KR قرح to wound حكر oppress عقر be terrified
KSHA-ta, violated, wounded	KSH كشأ to wound
KSHA-ti, injury	KSH to peel, to wound
KSHA-tri, carver	KSH كشأ to peel
KSH-am, hurt	KSH كشأ to wound
KSHA-n-anti, wounding	KSH كشأ to wound
KSHA-ya, dwelling	KS قصع to keep at (home) cf. قش house
KSHA-ya, decrease	KS خس to decrease
KSHA-na, destroying (kill)	KS خاس to waste (goods) be lost قعض kill
KSHA, abode, earth	KS قصع to keep at (home)
KHAN, dig	KN قني to dig
H ₂ KHAR, be rough, be broken	KR قره to scrape خرع to be broken

H ₃ KHALA, wicked, rogue, oil cake, threshing floor	KL غائلة wickedness, mischief خلا to be empty خلا open space
KHAL-kara, ill-treatment	KL اخل to injure a.o.
KHALI-na, bit of bridle NV	KL خال horse's bit خلى to bridle
H ₂ KHAL, be loose, totter	KL خلع to luxate قلع to totter
KHALLA, bag	KL قلع bag
* KHAR-va, mutilated, crippled	KR عقر to hock, to wound
KHILA, waste land (isolated)	KL خال lonely place غول desert
KHILI-kri, make deserted	KL خال lonely place خلا retire apart
H ₂ KHIL-ya, waste land, block, lump	KL خال lonely place قلاعة clod of earth
KHUD, to thrust in, pierce	KD قدح to perforate (pierce)
UKSH-an, bull i.e., sprinkler	KS خاش sprinkle
UKSH, sprinkle, impregnate	KSH خاش sprinkle
OX, any bovine animal Eng.	X=KS كسعة beast of burden as ox, ass
(UKSHan) skt.	↑ KSH خاش sprinkle (wrong root)
ut-KHED-am, cutting off	KD كذا to cut off
ut-KULA, overflowing to bank	KL كلا bank UT=ST سطح to raise
* uttara-KHADA, cover D/T	KT غطا cover+UT, over
KULA, bank	KL كلا bank
L ₂ KHANA-ka, digging	KN قنى to dig cog. w. KAN-dan, dig Pers.
KHEL, move to and fro	KL قلع to totter, be unsteady
H ₂ KHETA, village of peasants, shield	KT غطا ground of settler غطا cover
L ₂ KAK, tremble, frightened	KK قعقع to shake
SHAKE (SKAKA) Eng.	(S)KK قعقع to shake
KULA, temple	KL خلوة temple
KAKI-ta, terrified	KK قعقع to shake (result of fear)
cf. هرع to shiver f. fear	
kan-KALA, unsteady (n)	KL قلع to unsteady (reduplicate)
* KAT, to hide	KT غطا conceal
* KAN, rejoice, gladden	KN اتقى to please a.o.
KAM, sip KAM-ana, sipping	KM قمع to drink (wine-milk)
KAY-ana, heaping up	KY اتقى to rise high
KAR-k, repeat	KR كرا repeat
H ₃ KAL, shake, quiver,	KL قلع to totter قل shudder

be confused, be impaired	اخل be confused حكل to injure, disorder
go away, depart, trouble	كل trouble خلا go away
drive away, invalidate	خلع repudiate قلع drive away
KALA, goddess of fortune	KL قلة wealth
(wealth)	
KALA-KALA, unsteady	KL قلع to unsteady
KALI-ta, moving to and fro	KL قلع to totter
KALA-atman, fickle	KL قلع to unsteady
* KASHA-ka, drinking vessel	KS كأس drinking cup
* KATA, cheat, rogue t/d	KD خدعة cheat, imposter
KIRI, cricket	KR قر insect
* KUT, scratch t/d	KD كدح scratch
KUD, urge on	KD كد to urge (a beast)
KULA-ka, apex	KL قلة top
KET-a, servant	KT قتا to serve
KELA, garment	KL خلعة robe
* KHADA, covering d/t	KT غطا cover
H ₂ * KHAD-man, roof, fraud	KT غطا cover KD خدع deceive
KHALA, fraud	KL خالي deceive غل defraud
H ₄ * KHID, cutting off, pierce, destroy, split	KD كذا out off قدح perforate قاص split قاض destroy
KHED-ra, perforated	KD قدح perforate
KHEDA, cutting off	KD كذا cut off
* KHOT-an, cutting off	KT قطع to out
* KHID-ra-anu-SAR-in, seeking out weakness	KD قدح to weaken AN سار after عن go
KAS, show	KS كنج display
KHID-rin, hollow (tooth)	KD قدح hole, canker of tooth
KUL-am-VA-ta, river	KL كلا bank V حوى possess
* RIV-er, (RIPA) bank Eng.	RP حرف bank
KUL-am-ud-URGA, undermining the bank	KL كلا bank RG ركا to dig
KESA-rin, maned, lion	KS كشة lock of hair (not قسور lion)
* CHID, cut	SD صدع to cut asunder
* DVI-KA, 2 Ks=crow	DF ضحف two,=KK تحق crow (2Ks)
vi-KAL-anka, spotless (N)	KAL خال spot vi, without AK هتج to brand

vi-KAL-masha, sinless	KAL خال spot vi=un of. خلع be ungodly
H ₂ * vi-KOSA, unsheathed, sa-KHED-am, sadly	KS غشاء scabbard, vi, without KD كآد be sad
* KAN, enjoy, love, like	KN اقنى to please, satisfy
* VIA-KSHOPA, abuse	KSP قذف to abuse
VIA-KHY-ana, explaining	KY حكي to speak+VIA
* sam-KALI-ta, weighing	KAL كال to weigh
L ₃ an-apa-KR-amyā, not+cure	KR قرع to cure
غ CURE Eng. care	CR قرع to cure ↑ قرح care for
CHARA, remedy, cure Pers.	KR قرع to cure
L ₂ ava-KAR-ya, leasing	KR كرا hire (a horse, a beast)
HIRE H/K Eng.	HR=KR كرا hire
ava-KHAND-ana, splitting (n)	KD قاض to split
* a-KALA, not exact time	KL خلا to pass (time)=time A, not
a-KAS-mika, unforeseen	KS قشع see A, un
a-KKHURI-ta, scratched	KR قره be scratched
KANE-li-MA-tri, bastard	KN قينة slave-girl M ام be mother
H ₂ KAL-anka, spot, rust	KL خال spot كلع dirt AK هقع brand
KALU-sha, dirty	KL كلع dirt
KAL-ushya, grow dim	KL كل become dim
KALU-shi-kri, dirty, pollute	KL كلع dirt اكلع defile
KAL-ki-bhu, become paste	KL كعل to glue B=SB اصبح become
KUTA-ru, cock	KT قعط to cry nfv.
* KATA-va, sharpness (pungent)	KT قطع to cut قاطع sour
KAL-ushya, turbidness	KL كلع dirt
KAKI-ni, cowrie	KK قوقة cowry
H ₃ 1. KAV-ya, coming f. sages	KF وقف be aware
2. KAV-ya, seer's art	KF قاف prognosticate
3. KAV-ya, composed poem	KB قبي put in order
* KETA, will, intention t/d	KD كاد wish, intend
DEH, concealer (of soul)=body	DH دح conceal
* VARA, conceal, body	VR وري conceal
H ₃ * KET-ana, shelter, body, sign, token, invitation business	KT غطا conceal خط sign, mark, letter خطة affair, course of action
KAT-ara, cowardly	KT قعط be cowardly
KAT-arya, cowardice	KT قعط be cowardly

KOLA-ka, perfume	KL غالية perfume
* KUV-inda, wearer	KF خفاء covering
H ₂ KUPA, well, pit	KP خفية well كفة pit
KUPI-ka, puddle in dry river bed	KP كفة hollow full of water
* VAR-h=BAR-h, tear up	BR بحر to slit
GO-pra-KARA, cow pasture	KR قرعاء meadow+GO=عج bellow=cow
H ₂ 1. KYAV-ana, moving, shaking	KF خنع to wave قفة shiver v/f
H ₃ *2. KYAV-ana, active, nimble	v/fKF خف be active, brisk
3. KYAV-ana, felling	v/f KF خنا to fell
H ₄ VI-KALA, lack, weakness,	KL خلة need, distitution خال weak- bodied
confusion, despondency	خلع be confused حكل luxate
* abhi-KR-anti, overcoming	KR قهر to overcome
uk-KHUSH-ka, dried up	KSH قش to be dry
KHAD, conceal	KD خدع conceal
KHAD-ma, disguise, fraud	KD خدع conceal, deceive
ut-KHATA, undermining	KT خط to dig
upa-pra-KSH-in, working millstone	KS قصع to bruise (grain-mill)
H ₃ KALA-tra, wife, hip, loin كهل	marry, (or خلة wife) كاهل hip كليو lion
GAUSH-tika, relating to assembly	KS كصع to gather (people)
KATA-ya, drive out, dispel	KT قعط to drive back
KATU-ra, quick, swift	KT خاط pass quickly
KAPA-la, lightning	KP خفا to flash (lightning)
KAPA-laya, make unsteady	KP خفة unsteadiness
pari-UKSH-ana, sprinkling	KSH خاش sprinkle
prati-KULA, against bank, oppose	KL كلا bank VRA ورا against
pra-IKSHA, looking back	KSH قشع see ورا behind
pra-AKSHY-karana, look w. eyes	KSH قشع see
H ₂ * -sam-KALI-ta, weighing	KAL كال to weigh+pra, side by side
sine by side, pondering	خال think
* prati-a-KALI-ta, counter investigation	VRA ورا against, in front KAL كال weigh, measure

BHU-mi-KALA, earthquake	B بهو large plain قل shudder
* pra-KALA, time of death	KL خلا elapse time, die
vi-prati-KULA, refractory	KL 'خلا' be refractory
sa-prati-KASA, w. reflection	KS عكس reflection+S شاع with
H ₃ 1. AKSHA, organ of sight, eye	KSH قشع to see
2. AKSH-a axle	KS كاس to coil
3. AKSHA, die (for playing)	KS=SK سكة die for coining
L ₂ AKSHI-pat, very little	KS خاص be small in quantity كچه
KUCHH, a little Hindi	KS خاص be small in quantity
upa-IKSHA-ka, overlook	KSH قشع to see, UPA, over
H ₂ * eka-AKSHA, one-eyed	KSH قشع to see كاس to coil
one axled	K قوی be equal i.e. one, same
AIK,ya, identity, oneness	K قوی be equal (hence one)
EKA-la, one, alone (not خلو or كل	K قوی be equal i.e. one ایک
pra-NA-pari-KASHI-na, N/R	N=R روح breath of life
whose life is on the decline	KS وكس decrease
KRA-ya, to stake	KR قارع to gamble, cast die
AKAR-ya, physician	KR قرع to cure
* pra-VI-KALPA	KLP خلف to succeed
alternative to what follows	VRA ورا behind
a-vi-KALA, not wavering	KL تلع to totter, be unsteady
a-sa-KSHI-ka, unwitnessed	KSH قشع see A, not
H ₂ KANI-na, virgin, girl غانية chaste	KN قنى preserve modesty, kept indoor. (girl)
KAPA-la, bearing a bowl	KP قحف bowl
KAKA-AKSHI-NYA-ka,	KK قعق crow قشع see i.e. eye
after the manner of crow's eye	N نحو way, manner
KAKO-la, raven	KK قعق raven cf. قافأ to croak (raven)
H ₄ * KAULI-na, peculiar	KL كل family
to high-birth, slander	كابل abuse
rumour, disgraceful deed	قال public talk خلع be ungodly
KAUL-ya, noble race	KL family, Y qualitative
* KSH-aya-DIV-asa,	KS خاس to be lost, waste
day of destruction	DV ضو light of sun=day
* KSHA-ya-ROG-in, consump- tion	KS خاس to waste RZ حرض emaciate G/Z
KSHAY-ita, decreasing	KS خس decrease

KSHUT-KSHA-ma,	KSD قصيد hunger /d
emaciated by hunger	KS خس decrease
* KALI-ka, relating to time	KL خلا elapse (time) nfv.=time
KHARA-vi-SANA, ass's horn	KR كر ass SN سن horn
KHAR-va, mutilated	KR اخر to cut cf. عقر cut off
KHAR-ma, rudeness, harshness	KR قره be scratched حرش scratch
* KHALA-BHUG-anga,	KL غل act unfaithfully, defraud
snake like rogue	BG=GB قبا bend, fold (i.e. snake) AG=AZ عضو+ body, limb
KHA-ta, pit, trench (KHAN)	KN قنى to dig (n lost)
L ₂ KHA-ni, pit, mine	K=KN قنى to dig (n lost) cog. كان w.
KHA-na, food Hindi	K=KD قضا to eat (d lost)
GAR-GARA, whirl-pool	KR كار wind round اكرة pit
H ₃ 1. VICH, speak, shine	BS بت to divulge بص shine
2. VICH, separate	FS فصمى to separate
3. VICH, go	FS فاص go (into a country)
H ₂ VIT, curse, rail at, sound	BT بهت to slander وط creak, cry
H ₂ KANKALA, lightning, tremble (n)	(K)KL خال lightning قل shudder (reduplicate)
KAN-KALA, unsteady (n)	KL قلع be unsteady (reduplicate)
KUR-KURA-DAAVANI, sound of gnashing teeth (v)	KR قرع to gnash teeth in despair DN دن mutter, buzz
* KULU-ka, hollowed hand	KL خلا to be empty
H ₂ * KHAD, cover, conceal	KT غطا cover خدع conceal
* KHAD, please, allure, seem good	KD خادع to fawn a.o. (flatter) deceive the eye
KHAD-man, guise, fraud	KD خدع conceal, deceive
H ₂ KHAND-ana, pleasing, winning	KD خادع to fawn a.o., deceive the eye (N)
su-pra-KASA, well-lighted	KAS غاث shine S صح well
SHTHA-KHAD-MAMSA	ST سطح top i.e. back, ridge
bite the back flesh (m)	KD قضا eat MS محص cook (meat) nfv.
* prati-apa-KARA, counter- injury	VRA ورا against KR قرح wound
YAT-na-KKHID,	YT=JD جد endeavour
frustrating endeavours	KD قض destroy قاض split
vi-at-YUKSHI, splash	KSH كشح scatter y pfx. خاش sprinkle

sarva-KISA-la, all skilful	KS كاس be shrewd كسيس skill
sa-UKKHVA-sa, panting V/B	KB قيع to pant
H ₂ KUTT-ara, tearing, brawling	KT قط to pare تعط to cry
ALPA, little	LPA لفا a little
L ₂ SAR-VA, all (R)	SV=SB ثبي collect, complete
L ₂ * ana-LOK-ya, not hvg. looked	LK لقي to meet face to face
* LOOK, use o's sight Eng.	LK لقي meet (hence see)
cf. عهد=visit, meet, behold	
* ava-LOK, view	LK لقي meet face to face
* LAK-sh (LAG) touch	LG لحيق to join
H ₂ * LIP, cover, besmear	LP لحف to cover SLF سلف to oil, grease
L ₂ la-LAS, ardently desiring لاج	LAS لاس be fond of (reduplicate)
LALI-ta, loveliness	LL 'لالا' be bright, shining
LILA-vat, charming	LL 'لالا' be bright
LALI-ta, splendour, charm, quiver	LL 'لالا' be bright, undulate
LAP-in, lamenting	LP لهف to grieve
LUL, move to and fro	LL 'لالا' undulate
H ₂ 1. LU, pluck, clip (u=v=b)	LU=LV=LB هلب pluck, clip
2. LU, tail	LU=LV=LB هلب clipped toil gfp.
L ₂ LOK-ana, illuminating	LK لقي to flash
LIGH-t (LEUQ) Eng.	LQ لقي to flash
* vi-LOKA, glance, LOK, see	LK لقي meet (hence see)
H ₂ LOK-ana, seeing lustre	LK لقي meet لقي flash
vi-LAMB-in, hanging down (B)	LM=RM رام to droop (load)
H ₂ MACH, to cheat, pound	MS مسأ to deceive معس to crush down
H ₂ MAS-j, sink, bath, purify	MS مات to steep in water محص purify
MAN, honour, worship	MN منعة honour (transf.)
* anu-MAN, to approve	MN معن to acknowledge+عن after
H ₂ * SUR-te, clear bright	SR صرح be clear شري flash
SR-ni, sickle (hook)	SR صار cut, incline
* CHUD, conceal	KD خدع conceal
H ₂ 1. CHEEV, to take, cover	KB قب lift خفي cover
H ₂ 2. CHEEV, speak, shine	KF خفي show خنا shine
H ₂ * 1. CHUT, cut	KT قطع cut
* 2. conceal	KT غطا conceal
CHUND, cut (N)	KD كدا cut off
CHUL, raise	SL شلا raise

* CHOOR, burn	SR سعر burn
CHHAM, eat	KM قم eat
CHHUP, to touch	KP كنفج to kiss (kiss means TOUCH)
* CHHUR, intermix, cut	SR حشر cram صار cut
L ₂ * CHHED divide, cut	SD صدع cut asunder, divide
غ SUND-er, re-SCIND, cut, divide (N)	SD صدع cut asunder, divide Eng.
vi-LAMB-ana, delay (B)	LM لومة delay
vi-LAPA lamentation	LP لهف to grieve, sorrow, regret
LIDHA, licked	LD لهد to lick
* upa-LIP-sa, desire for	LP الف to love (desire)
SHTHA-LAG-ana, hanging on back	LG علق to hang ST سطح roof (i.e. back)
LUTH, roll, wallow TH/S	LS لاث twist round
vi-LOL-a, waving	LL 'لالا' undulate
ALASA, weariness	LS لهيئة weariness
MADI,ta, frenzied	MD ماد be convulsed giddy
غ A-MUDHA, not confused (MUHA)	MH عمه be confused ↑ MD ماد bewilder
a-MIS-ra, mixed	MS مات mix
MAS-ri-na, soft, glittering	MS محص softend محص to flash
MAS-am, pulverise	MS معس to rub, crush
MARU, arid tract, desert	MR معر bare soil
* MAR-ut, storm-gods	MR مار raise dust (wind)
* MAR-ta, mortal	MR مر pass, cross (i.e. die)
* MAR-ya, man	MR مر to pass (not مر man)
L ₆ * 1. MAR-a, dying Skt.	MR مر to pass, elapse (time)
* 2. MORI-ar, die, Latin	MR مر to pass, cross
* 3. MOR-tal, dying Eng.	MR مر to pass, cross
* 4. MORI, go, die (spanish)	MR مر elapse time, pass, cross
* 5. MUR-dan to die Pers.	MR مر pass, cross
* 6. MAR-na, to die Hindi	MR مر to pass, cross
Thus the Arabic root (مر) is found in many languages with the sense of dying and this euphemism may be noted in the following Arabic words :	
ذهب go, die	سافر to set off, travel, die
بعد go off, die	عبر elapse time, die عبر pass. die
خلا elapse time, die	فاز escape, die نحب travel نحب death
This is very instructive because dying is only going, passing	

on or crossing to the next world as the soul does not die. Says the Holy Quran :

افحسبتم انما خلقناكم عبثاً و انكم اليانا لا ترجعون

“What ! did you think that we had created you without a purpose and that you would not be brought back to us” (23—116) and also وان الى روك الرجعي * Surely unto thy Lord is the return” (96—9)

MAN-KSHA-ti, injury to honour	MNمنعة honour KSHكشأ to wound
H ₂ MAN-in, honouring, thinking	MNمنعة honour مائن think
MAR-a, killing, slaying	MARمار to shed blood
MAL-i, gardener, garland maker	MLمألة garden
L ₂ MIKSH (MIS) mix	MSمات to mix MX=MSمات mix
MIT-ra, companion, friend	MTمطا join a friendمطو companion
L ₂ H ₂ MITH, associate with, come in conflict with	MTمطا to join a friend مطح to slap+ماتا hit w. rod
H ₂ SMITE, strike, hit	Eng. (S) MT مطح to slap ماتا hit w. rod
MITH-as together w., mutual	MTمطا to join
MITHU-na, forming a pair	MT=TM تتم fellow of a pair, twin
MATE, companion, fellow	Eng.MT مطو companion, alike, fellow
H ₂ MITHU-ya, wrongly, falsely	MSمساء to wrong مسح to lie
TH/S	
L ₃ MIS, (MIX) Latin, MISS-A. Hindi	MSمات to mix MX=MSمات mix
L ₃ MUSH, steal, mouse	Pers. MSH مشع to steal nfv. cf شيامRat MOUSE
MUS-ala, pestle	MSمعس to crush+ الة weapon
SA-MAD, raging together	MDعمد be angry SA شاع together
SA-MASA-ARDHA, with half a month	MS مسح to measure (i.e. month) ARDعرض side (i.e.) half شاع with
H ₂ MAN, think, imagine, believe	MNمائن think آمن believe
MULA-KHANA-ka, digger of roots (MURA)	MR=RM ارومة root, KN قني dig
A-MANA-va, superhuman A, above	MNمائن think (thinker=man)
A-MANI-ta, not esteemed	MNمائن think (not think of)
A-MANU-sha, no man	MNمائن think (thinker=man)
A-MIT-ra enemy A, not	MTمطو companion, alike, fellow

L ₂ A-MIT-ra, friendless	MT مطو companion, fellow
MATE, companion, fellow	Eng.MT مطو companion, fellow
MANO-BHU, arising in mind	MNمائن think nfv. B هبا rise
mi-MARYA-ISH-U wishing to slay	MRمار to shed blood SH شاء wish
H ₅ MUSH, steal, blind, obscure, deceived	MSH مشع steal عماس dark عمس be gloomy مسأ beguile
remove, naked	مصيح carry off محش to skin a th. nfv.
MEKSH-ana, wooden spoon (MIS)	MS مات to mix,
MEH-in, passing urine	MH=HM هما to flow (water) ماء water
L ₂ MUD-ra, signet. ring, seal	MDمائدة circle Mnd مائدة ring (N)
L ₂ MADH-ya, central	MDمدية midst, middle part
MED-a, fat	MD معد bulky, thick
MED-as, obesity, fat	MD معد bulky, thick
L ₂ MED-as-vin, corpulent	MD معد bulky MOT-A=MD معد thick
MED-in, companion	MD=MT مطو companion
H ₂ * MEDA, hvg, fatness, earth	MD معد thick مهد ground
* MEDA-DHARA, supporter of earth=mountain	MDمهد-ground DR=ZRزر to carry, bear burden cf. وزر mountain
SHTHA-MADH-ya, middle of back	MDمدية midst ST سطح roof (i.e. back)
* pra-MODA-RUDDHA, retreat of joy=harem	M/L MD=LZ لذة delight (not MUD) RD رد to return
pra-MOSHA, deprivation	MSH مشع snatch away
* -MOHA, bewilderment	MH عمه be bewildered
* MOHA, mental confusion	MH عمه be confounded
MATA, opinion (MAN)	MNمائن think امعن ponder, N lost
sarva-MEDHYA-tva, universal purity	MD محض complete pure
MATH-yata, bewildered	T/D MD معد be astonished ماد be giddy
MATH-whirl round	MT عمت to wind
MATH, uproot, pull out	MT متح cut f. root, pull out
H ₂ MATH, crush, rub, wipe	th/S MS معس crush, rub مث wipe
MATH-ana, destroying, friction	MS معس crush, rub
* MAR-ana, dying away, cease	MR مر pass, elapse (time)
* MAR-ana, vy-ADHI-SOKA death, distress, sickness	MR مر elapse i.e. die ADHI, pfx. SK شكا to distress شكو sickness

H ₂ * MANDA-ya, delay, grow dim (N)	MD مودة delay همد extinguish
* MAR-ut-SAKHA, hvg.	MR مار to raise dust (wind)
* wind as companion عسق stick to	SK وثق to fasten, rely (i.e. companion)
* MADA, feast	MD مائدة food
L ₂ ANGI, anoint G/K	NG نقي marrow, fat vfn.
ANOINT, apply oil (UNC) Latin	NK نقي marrow, fat VFN.
SU-VAS-as, well-dressed	S صح well VS وشع wrap round
SU-DA-trah, bountiful giver	S صح well D ادى give يدي beneficent
H ₂ * NADA, sound, echoe	ND ندا voice ندى re-echoe
prati-ava-NEG-ana, new ablution	NG نقع macerate in water نقي cleanse
ava-NEG-ana, fit for cleansing	NG نقي to cleanse
NAHU-sha, a kin	NH نحو the like
* ni-NADA, sound	ND ندا voice
NIG cleanse	NG نقي to cleanse
pra-NID, driving away	ND نده drive away
vi-NAY-a, removing	NY نأى to remove
L ₃ NABH, nave	NB نبأ be high or ناف be high
NAV-el, (UMBO) boss Eng.	MB=NB نبأ be high
NAF, naval Pers.	NF ناف be high
H ₃ 1. NAS, destroy, flee, escape forget	NS=LS لاشى destroy cf. نغص to waste ناف run, escape نسي forget
2. NAS, attain, reach	NS=NZ ناهز draw near, overtake
3. NAS, associate, join	NS انس be social
NASH-ti, ruin	NS=LS لاشى destroy
NASH-ta-ESA, seeking lost thing prec.	ES اسعى seek نغص waste (lose)
NAS, nose, promontory	NS نص utmost limit. end cf. انف nose, extremity
Nas-ya, bridle etym. dub.	NS نص i.e. relating to nose
H ₂ NAB-I, naval, chief	NB نبأ be high ناب chief of tribe
pra-NUD, drive away	ND نده drive away
pra-NOD-ya, be driven away	ND نده drive away
ANUKA, spine	NK نخاع spinal cord
A-NTA-par-V-am,	NT نط to tie (i.e. knot)

having not prominent knots NILA, indigo, black, dark	PR فرع overtop V حوى have A, not NL نيل indigo cf. NL=ML ملح bluish, grey
prati-NIDHI-kri, substitute -NODA, repulse	ND ند a like ND نده repel
sam-NYASA, abandon	NS نسي forsake, abandon
* sam-NYAS-in, abandoning	N نسي forsake, abandon
L ₂ -ANGA-NI-ya, employed in anointing	NG نقي fat, marrow (UNG, fat, Latin) N عين appoint
SA-ma-NIND-ana-NAV-ana	S سواء equal N (n) D هند abuse
indifferent to blame or praise	NV نوه praise
nir-NIK-ti, expiation	NK نقي to cleanse
nir-NEKA, cleanse, expiate	NK نقي to cleanse
nir-NEGA-ka, washerman	NG نقي to cleanse
nir-NEG-ana, cleansing	NG نقي to cleanse
nir-NODA, expulsion	ND نده repel, drive away
ati-sam-NIDH-ana, excessive nearness	AT عتا exceed ND عند near
NAD-I, stream	ND=NZ نز to flow
* vi-NADA, cry	ND ندا voice+VI
H ₂ * vi-NAYA, removal, guidance	NY نأى remove N عن manage, guide
vi-NAT-ana, moving to and fro	NT نط leap, frolic
* ati-NASH-tra, escaped f. danger	NS ناص escape
* ati-PAT-ti, lapse (of time)	PT فات elapse (time)
H ₂ ati-PAT-ana, falling beyond, elapse	PT هفت fall AT عتا exceed فات elapse (time)
PURA, stream	PR فرع ravine
* PRI-ya, pleasant	PR فرح be pleased
PHAL, burst	PL فلع to split
* PRI-ta, satisfied r/l	PR=PL حفل fill
* PRI, please	PR فرح be pleased
a-PAR-van, not natural break	PR فرى to slit+A
a-PAS-ya, not seeing	PS فحص see carefully
* APAS-ya, busy	PS فاض في be busy فاض pour
a-PRA-ti, irresistible	PR=VR وعر prevent
H ₂ BHREE, tear, protect	BR بحر to slit BR=VR ورى conceal
* a-PRA-manya, lack of proof	PR=BR بره to prove

* PURO-DH-as, placed at head	PR	وضع	top D	to place
L ₃ * ut-PATHA, wrong way K lost	PT=VT	وطى	tread under foot	UT=KT خطاء wrong
* PATH, trodden way	Eng.	PT=VT	وطى	tread nfv.
* PANTH, way (n)	Hindi	PT=VT	وطى	tread nfv.
H ₂ PATT-ra, wing, leaf		PT	هنت	to fly فطح flatten=leaf nfv.
PAT-van, flying		PT	هنت	to fly
PIS, go		PS	فاص	go (in a country) فصح stride
PAD, foot		PD	ند	tread nfv.
* PATH-ka, traveller		PT=VT	وطى	tread
1. PARI, round		PR	فرع	go round
2. PAR-a, previous		PR	افرع	begin VR ورا before
PAR-a, opposite, beyond		PR=VR	ورا	in front, beyond
PAD-a, hvg. feet, running		PD	ند	tread, run
PAD, fall		PD=PT	هنت	fall
PARI-KSHI-ti, dwelling		PR	فرع	go round قمع keep at home
				around
* PARI-AG-ni, encircling fire		PR	فرع	go round AG اجة fire
L ₂ PARA-ma, supreme		PR	فرع	overtop
SUPR-eme, highest, above	Eng.	(S)PR	فرع	overtop, ascent
L ₂ SPLI-t	Eng.	(S) PL	فلق	split
FAL, split	Skt.	PL	فلق	to split
H ₂ FAL, go, bear fruit		BL	go away ابل	bear fruit
PARO-KSHA-ya, invisible		VR	ورا	beyond تشع see
H ₂ PRO, go, jump		PR	فرى	go فار spurt forth (water)
L ₂ * SPUR-t, gush out in stream	Eng.	(S) PR	فار	spurt forth (water)
TIL, go		SL	طلع	go out
H ₃ 1.*PIS, expand		PS	فصح	enlarge
H ₂ 2. PIS, hew out, carve, adorn		PS	فأس	to cut VS وشح adorn
* PUT-ra, young of animal, son		PT	فتى	young of any animal
* POTA, young of animal		PT	فتى	young of any animal
* PUT-ri, daughter (I feminine)		PT	فتى	young of animal فتاة young girl
H ₂ PUR-as, before, first		PR	افرع	begin cf. فور beginning
PUR-h-SARA, forerunner		PR	افرع	begin SR سعر run
PURA, formerly		PR	افرع	begin ورا before
PURA-na, primeval		PR	افرع	begin ورا before
PURA-vid, knowing past		VR	ورا	before FD افادة knowledge
PUR-ni-SAR-ana, precede+go		VR	ورا	besore SAR سار go

PURA-GA, going before	VR	ورا	before GA ججا	walk حج go
* PUG, honour, regard, worship	PG=VG	وجه	honour (sense intensified)	
* PUG-ya, honouring,	PG=VG	وجه	honour, regard	
				worshipping
* PUR-U-KSH-U, rich in food	PR	وفر	wealth KSH	كشى eat
PURU-sha, primeval man	PR	افرع		begin
PUR-va-BHAGA, upper	PR	افرع	ascend BZ	بعض part
				part G/Z
H ₂ PUR-va-ka, derived f. ancestor	PR	افرع	begin فرع	deduce
PAURI-vi-ka, former, aient	PR	افرع	begin+ورا	before
H ₂ PATI-ka, plate, bandage	PT	فطح	be flat PT	عنت to twist
PLATE, flat dish	Eng.	PL T	فطاح	flatten
H ₂ PRA, before	PR	افرع	begin+ورا	before
H ₂ PUSH, well-fed, increase	PSH	عفش	eat much فصح	increase, enlarge
PRA-BHU, being before others	PR=VR	ورا	before B	باج appear
* PRAY-as, delight, joy (PRI)	PR	فرح	rejoice, be glad	
* PRI, delight, gladden	PR	فرح	rejoice, be glad	
* PRI-ya-AKH-ya, announcing	PR	فرح	rejoice AK	حكى speak
				pleasure
PUS, to blossom,	PS=VS	وشع	blossom	
				PUS-ya, flower
* PRI-ESH-in, please+desire	PR	فرح	be pleased SH	شاء desire
* PRE-ma, delight, love	PR	فرح	rejoice (transf.)=cause	love
* PRE-yas, dear, agreeable	PR	فرح	rejoice (hence be dear)	
PAS, observe, see	PS	فحص	see carefully, examine	
* PUR-va, before=east	PR=VR	ورا	before (when facing sun)	
* sam-PRI-ya, mutual joy	PR	فرح	rejoice+ثم	collect (together)
* PRI-ya-SRA-yas, fame-loving	PR	فرح	be pleased SR	شهرة fame
L ₂ * A-PING-ara, reddish (n)	PG	فقع	dye red	
* PINK, red (n)	Eng.	PK	فقع	dye red
PAN, admire	PN	فنع	good	repute
VI-PAD-am, without grievance	PD	فادحة	calamity فادح	be heavy
cf. GRIEF, load	KRB	كرب	grief كرب	to load
L ₂ vi-PANKA-ya, spread	PK	فنا	to spread (news)	
				abroad (n)
PAIG-am, news	Pers.	PG	فنا	spread news

غ pro-PAG-ate (PANG)	PG بقا or بقى spread (news) ↑ بوق
fasten (n) Eng.	fasten
vi-PAT-KALA, season of calamity	PT آت misfortune خلا time
vi-PATHA, wrong road	PT=VT وطى tread under foot + VI
H ₂ PAT-i, husband, master.	BT marry فاتح conquer cf. قتي
	brave
PAT-ni, lady	BT marry + prec. NI feminine
	Sfx.
PAT-ni, wife	BT marry
* PAT-man, path	VT وطى tread
* PAT-ti, pedestrain	VT وطى tread
* PATHI-AS-ana, journey + food	VT وطى tread AS هاس eat
PAD-V-at, hvg. feet. running	PD فد tread, run V حوى have
H ₃ L ₂ PARA-tvi, remoteness, posteriority,	PR عمر remoteness ورا behind
superiority SUPER	PR فرع to overtop (S) PR فرع top
PARI-tas, round about	PR فرع to go round, ramble
PARI-VET-tri, before + marry	PR افرع begin BT marry ورا before
PARI-AG-ni, encircling fire	PR فرع go round AG اجة fire
PARI-aya, revolution	PR فرع go .ound
* PIS, rub, grind away	PS فحس rub off
PIS, ornament	P/V VS وشاح ornaments
PIS-a, dappled, fair	P/V VS وشى variegate, adorn
PASH-ana, stone	PS فص stone of ring gfp.
PIS, hew, carve	PS فأس to cut
PISI-ta, carved flesh	PS فأس to cut
PISU-na, backbiting (slander)	PS فاش spread slanders
H ₂ PURA, old, at first	PR افرع begin
wear out	
PURA-na, old	BR برى wear out
PURU, fill	PR=PL حفل fill
PURU-sha, man, highest principle	PR فرع top, summit
DI-DY-ut, thunderbolt	D=Z حد cut
(DI) cut (DYU-t) shine	DY ضياء shine
BHAR-na, to fill	Htndi BR=SBR صبر to stuff

H ₄ PURU-sha, fillings, earth.	BR=SBR صبر to stuff BR برى earth, dust
dust, land, rubbish,	بر inland برا rubbish
PURU-RA-vas, crying loud	PR فرع ascend R عر cry
H ₂ PUSH, feed up, fatten,	PSH=SHB عشب feed and fatten
acquire in abundance	فشاء increase in cattle
display, unfold	فشاء be disclosed, known
PUSH-ta, property (in cattle)	PSH فشاء increase in cattle
POSHA, well-fed	PSH عفش eat much
PAURA-VA-A-PAR-ya.	PR افرع begin (=prior)
relation	
between prior and posterior	A, not PR افرع begin (=poerior)
* PAUR-ti-ka, of charitable	BR بر bestow bountiful gifts, good work
work	
PAUSH-ti-ka, of prosperity,	PSH فشاء increase in cattle
growth	
* sa-PRE-man, rejoicing	PR فرح rejoice
* sa-PRE-ma, loving	PR فرح rejoice (i.e. cause love)
H ₂ PATTI-ka, tablet, bandage	PT فطح flatten عفت twist/round
* ati-PAT-ti, lapse of time	PT فات clapse (time)
* ati-PAT-in, surpassing in speed, neglect	فات outstrip, miss (opportunity)
* ati-PIRU-sha, vehemence	PR فور vehemence of anger, ebullition
PAIS-alya, affability (speech)	PS فصیح chaste speech
H ₂ pra-PHAR-vi, wanton girl	PR فره be proud ناره beautiful girl
PADA-ANU-GA, following	PD فد tread=foot عن after جدا walk on heels
H ₂ SR, cook, boil	SR سعر heat صحر boil
* an-ati-PAT-ya, not + neglect	PT فات to miss, fail to attain + not
* an-upa-PAT-ti, not + pass	PT فات to pass, enter
* a-PING-ara, reddish (n)	PG فقع be red, A, somewhat
* a-PRA-PAD-am, to tip of foot	PR فرع top PD فد tread=foot
* PAUR-na-MASA, relating to full moon	PR=PL حفل fill MS مسخ measure i.e. moon
MUCH, deceive	MS مسا deceive
PRA-GA-vat productive of offspring (GEN)	BR برا create
	GN=ZN 'خن offspring
H ₂ * VAD, tell, lay down	VD وضع explain وضع impose upon, put

* VAJ, go, roam about	VJ وجه to direct o's self towards
* PIR-ya-VRA-ta, loving obedience	PR فرح rejoice BR بر obey
H ₂ * VANG, be crooked, go (N)	VG عوج be crooked وجه repair to
* PIR-ya-SA-tya, pleasant+true	PR فرح be pleased S صح true
PHATA, hood of serpent	PT فطح be broad
H ₂ * VI-PRI-ya, unpleasant thing, estranged	PR فرح be pleased VI, not عفر remoteness فرى be astonished
VI-PRE-man, estrangement	PR عفر remoteness, distance فرى be astonished
H ₂ VI-PLA-va, calamity, distress violation (of woman)	PL فالة calamity, distress فلع to split
sam-PAD, efficacious	PD فاد accrue benefit
L ₂ * ROP-ana, lifting	RP رفع to lift
* LIF-t	Eng. LF=RF to lift
ARKA, ray	RK راق shine ريق glitter
* ARDH=RIDH, prosper (thrive)	RD ارض to be verdant
ARAT-ni, joint, elbow (AR)	AR اري fasten cf. رتا to tie up
A-RUKI, not pleased, disgust	RK راق be pleased
A-ROKA-mana, not shining	RK راق shine
A-RAG-as, dustless, RAGA, dust	RG رهج dust
ud-RIK-ta-kitta, haughty	RK روق HAUGHTY
H ₂ URG, manly vigour, nourishment	RG ريق strength رائق breakfast
URG-as, strength	RG ريق strength
RIBI-sa, crack, chasm	RB راب crack, chink
L ₂ RIGH-vat, raging	KG رغا foam, w. anger
غ RAGE, violent anger Eng. (RABE)	RG رغا foam w. anger ↑ حرب be angry violently
H ₂ RIGH-aya, quiver, rage	RG رج quiver رغا to rage
RIK, lustre	RK ريق glitter
RIK, shine, sing (cf. طرب joy, sing)	RK راق shine (transf.), be pleased
RIGI-ka, glittering	RG رجع shine
RIS-ya, kind of antelope	RS رشا fawn able to walk
RISHU, heat, flame	RSH ارش to light fire, kindle
RISH, to pierce	RS رصع wound w. spear
RISH-ti, spear	RS رصع wound w. spear nfv.

* RISH-va, high, lofty ni RAG-as, free f. dust	RSH عرش to rise عرش roof
L ₂ * RAK, erect, construct	RG رهج dust RK رقى to raise cog. w. EREC-t, raise
H ₃ RAG=RANG, be coloured (shine)	RG ايراق be coloured راق shine, be delighted, be excited be pleased حرک excite
GUS, bright	GS غاث shine
H ₂ Ran, resound, jingle, delight	RN رن resound رنى delight
* RADH=RANDH, destroying (n)	RD اردى destroy
H ₂ RAG-ta, silvery, whitish	RG ورق silver رهق be white
RAG-ani, darkner, night	RG روق be dark (night)
RAG-as, dimness	RG روق be dark
H ₂ RAG=RANG, step out, hasten	RK حرک move رهق hasten
RANG, brilliant, make happy (N)	RG راق shine, be pleased
H ₂ * RAG, rule, transcend, shine	RG عرج ascend رعيج shine
RAG-in, shining	RG رعيج shine
H ₂ RIP, cheat, adhere (LIP)	BR ورب deceit LB الب stick to
RIP, fraud	RB ورب deceit
RIPH, snore, snarl	RB ربو loud breathing
RUK, shine, be pleased	RK راق shine, be pleased
H ₃ 1. RUD, weep	RD=DR حدر let tears drop
2. RUD, grow, sprout	RD عرد grow (plant)
* 3. RUDH, obstruct, impede (cf. ردع)	RD اعرض place opposite عارض hindrance
RODHA, obstruction, dam, shore	RD عارض hindrance عرض side
ru-RUT-su, wishing to obstruct	RD عارض thwart (root is RUDH) شاء wish
H ₂ * ROKA-ka, shining, stimulating	RK راق shine حرک excite, move
H ₂ L ₂ * RAUD-ra, terrible, wrath	RD رعدة dread, fear حرد anger
* DREAD (ad-RED-en) Eng.	RD رعدة dread
* pra-ROP-ana, arouser, author	RP رفع extol, lift
H ₂ VI-ROKA, shine, cavity, hole	راق shine حرق hole (ثقب)
ut-RAMAY-na, original	RM اروم origin, root
L ₂ atisa-RASA, very palatable	RAS=LAS لاس to taste
re-LISH, taste	Eng. LS لاس taste

* prati-ARK-ana, return salute	RK ركع bow down (i.e. salute) وراء behind
* sam-RODHA-ka, suppression	RD ردع restrain
* RADH, conciliate	RD ارضى satisfy رضا consent, approval
H ₂ sam-RAB-dha, established well, greatly enraged	RB ارب strengthen حرب be vehemently angry
H ₂ * LIS=RIS, crop, rent	RS حرث tith to tear
RUP, feel spasms, break off	RB راب slit, crack
ru-RUT-SU, wishing to restrain	RT=RD ردع restrain شاء wish (RUDH)
TANU-GA, born of body (GEN)	TN *طن human body ZN ضنى beget G/Z
* TANU-KKHADA, armour feather	TN *طن body KT غطا cover
TANU-TARA, armour	TN *طن body TR=STR ستر cover, S lost
TANU-BHA-va, son	TN *طن body B باح appear (f. body)
TARA-RAM-ana, lover of stars=moon	TR طر shine (star) RAM رام desire eagerly
* a-ni-RUPI-ta, unviewed	RP عرف perceive by senses A, not
vi-RAMA, stop, pause	RAM رما to stop
Roots formed of S+D=60	
* A-ni-SHIDDHA, unhindered	SD سد to stop صد hindrance
L ₂ * ut-SEDHA, elevation	SD صعد ascend
* ASCEND, Eng. (N)	SD صعد ascend
* vi-SADA, distinct	SD صدع be manifest
* SAD, prevail, triumph	SD ساد overtop, rule, overcome
* SAD, fall to pieces, fall off	SD صدع to cut asunder صدعة piece
H ₃ * vi-SADA, clear, evident cheerful, soft	SD صدع be manifest شده to delight, سدى be tender
SINDHU, move for a goal (n)	SD سدا to direct o's self towards
SINDHU-ra, red lead (n)	SD اصدا of a reddish colour
L ₃ SVID, sweat (v) Skt.	SD سدى moisten استدى to sweat
SWEAT (SVED) Eng. (v)	SD سدى moisten
SUD-or, sweat Latin	SD سدى moisten
H ₂ * prati-SHEDDH-avya, be restrained, keeping off	SD سد to stop صد to avert a.o. from
ni-SYANDA, trickling, sweat (N)	SD سدى moisten استدى to sweat

H ₃ pra-SA-mna (SAD) delighted, correct, kindly disposed	SD شده to delight, d lost سد right, be rightly disposed
obvious, clear	صدع be manifest
pra-STA-va, allusion	ST=SD صدح sign
SAD-A-S-at, true and false	SD سد true, right, A not S صح true
H ₄ * pra-SIDDHI, accomplishment, fame, publicity, proof (صدأ)	SD سد hit the right point, supply a want شهادة testimony
pra-SVEDA, perspiration (v)	SD سدى moisten
-SVED-in, covered w. sweat (v)	SD سدى moisten
* -SADA, raised platform, lofty palace	SD شاد raise (a building) شيد lofty building
-SADA-GA-TA, gone to the roof of palace (s lost)	SD شيد lofty building GA جحا walk T=ST سطح roof
H ₄ * SADA-ka, making clear soothe, cheering, calming	SD صدع be obvious سدى to soften شده to charm, delight شد to comfort
H ₂ SADHA-na accomplishing, adornment	SD سد supply a want, hit the rt. point صدأ to polish
SAD-VAK-as, fair speech	SD سد right BK بق talk much
SAD-VAG-as, noble steed	SAD ساد be noble VG be وج be swift
ن STEED, war horse, spirited horse	S—TD عتد ready for a race (horse)
SAD-vi-GAR-hita, censured by virtuous	SD سد right, true (virtuous) GR قرع upbraid, to blame
H ₃ * SAD-ana, cessation destroying, rubbing	SD سد to stop اشاد destroy صدأ take off rust, polish
* SAD-VID-ya, true knowledge	SD سد true VD=FD افادة knowledge
SAD-vi-KKEDA, separation f. virtuous	SD سد true KD كدا cut off
* sam-SEDHA, height	SD صعد ascend
sa-vi-SHADA, dismayed	SD شده be confounded
SADH, guide aright	SD سد to be well-directed
H ₂ SADH-ana, magic, be accomplished	SD شده to charm سد supply a want
* STHU-ra, strong=bull	ST سطوة might

H ₃ * SADHI-yas, more correct	SD سد right, true (YAS comparative sfx.)
more pleasant, extremely firm	شاده to delight, وصد be firm
* SADHU-VADA, cry of well done	SD سد right FD فد shout
H ₂ * SADH-ya, 1. to be set to right,	SD سد be rightly disposed, well directed
manage, 2. subdue	ساد to rule, overcome
* SADHU-SILA, hvg. good character	SD سد right SL=SR سيرة way of life
A-SADH-ya, unmanagable	SD ماد to rule سد be well-directed
* SADHU-A-SADHU, good or bad	SD سد true A, not سد right
* SADHU-AKARA, good conduct	prec.+KR=SR سيرة conduct K/S
SAIND-ura, red (n)	SD احدأ of reddish black colour
* SAUDH-a, plastered	SD شاد coat w. plaster
* SAUDHA-ANG-ana enclosure of palace (n)	SD شيد lofty building
STYA, grow dense	AG=AZ حوزة enclosure ST شاط to thicken
Roots formed of S+K=75 words	
* A-SOKA, free f. sorrow	SK شكا to distress (sorrow)
* vi-SOKA, free f. sorrow	SK شكا to distress (sorrow)
* a-SAUKA, impurity	SK صاغ pure cf. زكى purify
L ₃ * a-SIK-ta, unwatered	Skt. SK سقى to water
* SENCH-na, to water (N)	Hindi SK سقى to water
* ASEKA, watering	SK سقى to water
* AQUA, water S lost-Latin	AQ=SQ سقى to water
* A-SEK-ana, pouring on	SK سقى to water A, not
ut-SUKA, yearning	SK شوق yearning,
* nih-SUK-ra, without majesty	SK شوكة power, might
* SAK, power	SK شوكة power
H ₄ vi-SAKHA, lacking top-knot, flamesless, (bald, street, vi surplus)	vi, negative SK شيق top شاق tie ذكا to blaze سقح baldness سكة street
A-SAK-ta, incapable	SK شوكة power
غ SUKH-A, pleasant	s/r SK=RK رخا easiness of life ↑ SU+قا easy life
SAK-ti, spear	SK شاك be sharp-pointed
H ₂ SAK-man, skilful, labour	SK حذق be skilled شق fatigue
* SAK-ya, possible	SK شوكة power

* SAK-ra, mighty	SK شوكة power, might
SANKU, nail, peg. (n)	SK سك nail, peg
H ₂ * 1. SANK, doubt, distrust (n)	SK شك doubt, hesitation
2. SANKH, shell (n)	SK=KS كشح shell
SAKA, dung	SK=KS خشي dung
H ₂ SAK, power, help	SK شوكة power KS غاث to help
* SAKA-la, split, half	SK شق to split شق half
SAKA-laya, break in piece	SK وشق cut in slices
* SAKU-na, strong=bird	SK شوكة power
H ₂ * SAK-ti, power, skill	SK شوكة power حذق be skilled
SIKH-anda, tuft of hair	SK=KS كشة lock of hair
H ₂ SIKHA-ra, peaked, pointed	SK شيق top شوكة point
SIKHA-ri-PATT-rin, mountain	SK شاهق mountain PT=TP عطف side
SIKH-in, wearing tuft of hair	SK=KS كشة lock of hair
H ₄ SIKHA, top, lock of hair border, point	SK شيق top كشة lock of hair SK شق side شوكة point
H ₂ SUK-ra, bright, pure	S/Z SK ذكا to blaze زكى purify
SUK-riya, brilliance	SK ذكا to blaze
H ₃ SUK, flame, burn, kindle	SK ذكا to blaze زخ burn
bewail, lament	شكا to complain, distress
H ₂ * SUK, flame, heat, pure	SK ذكا to blaze زكى purify
SIKH-ara, crown of head	SK شيق top
* SAUKI, purity	SK زكى purify cf. صاغ pure
SAUK-liya, brightness	SK ذكا to blaze
* sam-SEKA, watering	SK سقى to water
* SAK, be united w.	SK عسق stick to cf. وثق fasten
* SAKHA, branch	SK شق side, part of whole
H ₃ 1.*SIK, to water w.	SK سقى to water
2.*SIK, border of garment	SK شق side صقع shore
3.*SIK-ya, garment	SK=KS كساء garment
SUKI, sharp point, needle	SK شوكة point, prickle, thorn
H ₂ * SEK, water, sprinkle	SK سقى to water خاش sprinkle
SAUKI-ka, needleman	SK شوكة prickle, thorn
H ₂ * SOKA, glow, sorrow, anguish	SK زخ to glow ضيق sorrow, anguish
SOK-ish-KESA, flaming hair	SK ذكا blaze كشة lock of hair
* SOK-aniya, lamentable	SK شكا complain
H ₂ SOK-is, flame, glow	S/Z SK ذكا to blaze زخ to glow
SUK-la, white	SK صقع be white

* SAK-vara, powerful=bull	SK شوكة power
pra-SUKI, perfectly pure	SK صاغ pure PR وفر complete
SAK-tavya, be attached to	SK عسق or صاك stick to
* ati-savi-SANK-am, great anxiety	SK=KS كشع be anxious (n)
H ₂ * sam-SUKA, longing for, anxious	SK شوق yearning كشع to anxious
* ni-SHIK-ta, watered, poured	SK سقى to water
H ₂ SEK-tri, sprinkler, stallion	SK=KS خاش sprinkle
* SEKA, watering, emission	SK سقى to water
* SEK-aka, watering, effusion	SK سقى to water

Roots formed of S+R=162 wodd

* SR-ushti, willingly	SR شرح be pleased w.
* SRE-yas, preferable	SR اثر prefer, choose
H ₂ * SRE-yasa, happiness, fortune	SR سراء happiness ثراء wealth
H ₃ * SRI-ni, row, swarm, series	SR حصير row حشر swarm صر tie
* SRE-shta, fairest, preferable	SR اثر prefer SHTA. sply. sfx.
SR-ush (SRU) hear	SR صار incline (hence hear)
H ₁ SRU, attend to, hear, tradition	SR صار incline a th towards اثر tradition
SRU-ti, listen, hear	SR صار incline
H ₂ SLOKA (SRU) thing heard, noise	SR صار incline نائرة noise
SRI. lean	SR صار incline

I have based SRU on (صار to incline) on the analogy of the following words :

(a) ATTEN-d, to stretch towards TN=NT نطا to stretch

(b) LIS-t, leaning to one side LS لاص to incline to a side

(c) LIS-t-en, hear w. attention LS لاص to incline towards

(d) HEAR, listen, attend to h/s HR=SR صار incline

(e) صغا to incline towards, whence الى اصغى pay attention, hearken give ear. Therefore, ATTEN-d, LISten, HEAR are based on inclining the ear or mind towards the speaker. The Arabic root صغا solves the metaphor i.e., اصغيت الى نلان means ملت بسمعى آجوه I inclined towards him with my sense of hearing or ears. (راغب)

BUM, buttock	Eng. BM=FM فعم be fat, filled
L ₂ SRO-ni, buttock, hip	Skt. SR وثر be fat, fleshy (transf.)
SUR-eeen, buttock	Pers. SR وثر be fat, fleshy
H ₄ * SAR-a going, running, flowing, string	SR سار go سعر run, سار be current اسر string
SARA-na running	SR سعر run
* SARA-ni, way path	SR سار go, walk (not شارع)
L ₂ * SAR-anya, hasten, HURRY H/S	SR سرح hasten, HR=SR سرح hasten
H ₂ * SARA-ma, swift runner	SR سرح hasten سعر run
SARA-la, running on	SR سعر run
H ₂ * SAR-as flowing, pool	SR سار be current سرى channel
H ₇ * SARA, strength, value, wealth	SR سورة strength سعر price ثراء wealth
pith, quintessence, best part, speckled, water	سرى juice عصير سرى choice part سار mark, print سار be current
H ₃ * SARA, drive, course, destroy	SR سرح drive سار walk حشر destroy
H ₆ * SAR-in, going, hastening, following	سار go سرح hasten اثر follow
hvg. essence of excellent, stream	سرى juice اثر prefer سرى channel
H ₂ * SAR-thi-ka, travelling, accompanying	SR سار travel سارى take along w.
SIRA, stream	SR سرى channel
H ₂ * SAR-man, protection, delight	SR اسر conceal سر cheer
* SAR-maya, protecting	SR اسر conceal
H ₆ * SRI, shatter, rend, sever	KSR كسر break to pieces وشر split شرح dissect
scatter, destroy, rot)	شر scatter حشر destroy صرى stagnate
* SRI, boil	SR صجر boil
* SRA-pana, cooking fire	SR سعير fire
* SRA-ma, fatigue	SR حسر be tired
H ₃ * SRA, boiled, cooked, roasted	SR صجر boil, سحر burn سرى dry in sun
H ₂ * SRI diffusing light, unite w.	SR سهر flash, صر to tie
H ₈ * SRI, lean, resort, cause to rest, spread over,	SR صار incline صار go, back to رصح set at ease, spread رصح inlay
lay-in, find support, procure	سرى سار سرح facilitate
* SRI-ya, prosperity	SR يسر render prosperous

H ₃ * SRI, beauty, splendour wealth fortune	SR شورة beauty شرى shine ثراء wealth, opulence
SRI-la, beautiful	SR شورة beauty
SRU, set in motion	SR ثار to be moved
H ₄ * SRU-ti, listening, hearing saw, report, tradition, saying	SR صار incline (hence hear) اشتر to saw اثر relate اثر mark, tradition صبر speak
H ₈ * SRU, run swiftly, flow, glide reach, traverse assail, set in motion	SR سار run سار be current صار reach سار walk سار assail ثار be-moved
drive, make visible, follow	SR سرح drive سرح be evident اثر follow
* SUR-ta, trodden	SR سار walk
H ₂ SRU, flow, leak	SR سري circulate شر leak
* SRA, digest, classify	SR شرح dissect, carve in slices
sam-SAR-ya, twinkling	SR سهر to flash
* ud-SAR-ga, setting free	SR سرح to free (a slave)
* SIR, mingle, mix J apocoped	SRJ شرح to mix
SIR, harassing	SR شرى itching شرى scoff at
* SIRI-na, night	SR اسر conceal سعرة blackish
SRA-ya, become arrow	SR سرو arrow
H ₂ SARA-ASARA, shower of arrows	SR سرو arrow ثر to rain
H ₁₂ * pra-SARA, advance, diffussion, expansion, free scope, appearance, stream, running away, influence ample space, motion, complaisance, multitude quantity	SR سار walk ثر scatter شرح enlarge حشر be widened سرى channel سرى appearance صورة رأى impress حشر be widened ثار be moved حشر be pleased w شرح congregation حصر hold a th. (vessel)
SRI-ta, boiled (milk)	SR صجر boil (milk)
* SRO-ta, fair fame	SR شهرة fame
sam-SRA-va, remainder	SR سار leave a remainder
H ₄ * ut-SARA-na, clearing streets, be driven away, extending	SR حشر to sweep+ شارع street شرح drive شرح enlarge
ut-SR-ash-tavya, be dismissed	SR سرح repudiate سراح divorce
ut-SRA-vin arising	SR ثار rise
H ₃ pra-SRA-ya, incline forward residual	SR صار incline سار remain, be

deference, support	سارية column-اصار stake of tent
H ₂ * pra-SAR-ana, spread diffusion, augmentation	SR شرح spread ثر scatter, give plentiful
H ₄ -SARA, spreading, extension, rising whirling up, opening	SR شرح spread حشر be widened ثار rise, be stirred up شرح open
H ₂ SARI-ta, extended. expose for sale, diffused	SR شرح enlarge, disclose ثر scatter
H ₂ * -SRI-mara, distilling, going in front	SR شر leak سار go ورا in front front
H ₂ * SRA-vas, renown, swift	SR شهرة fame سرح be swift
H ₂ SRA-vana, hearing, fame	SR صار incline شهرة fame
H ₂ SRU, shout, praise	SR صر cry شهرة fame
H ₂ * SRA-vasya, hasten, praise	SR سرح hasten شهرة fame
H ₂ SRA, burn, boil	SR صجر burn سرح boil
SRA-ya, provided w.	SR سارى take along w.
H ₂ SR-avya, heard, proclaimed	SR صار incline اشهر publish
H ₃ SRI, lean, spread, be fixed	SR صار incline شرح spread صر tie, bind
H ₂ SRI, diffusing light, unite w.	SR سهر flash صر to tie
H ₃ * sam-SRA-ya, shelter, relation, restoring to	SR اسر conceal آصرة relationship صار come back to
SARA-ti, lizard	SR سرى creep
L ₂ * su-SAR-man, very pleasant	SR سر to cheer شرح be pleased w.
* CHEER	Eng. SR سر to cheer
L ₂ SHT-ut, praise	ST صيته good reputé, renown الذكر الحسن
STU-dan, to praise	Pers ST صيته good reputé, renown الذكر الحسن
VAI-SVA -NARA, all men	SB put together NR=MR ساء man
SAILU-sha, dancer	SL صال leap
NAT, dance	NT نط leap cf. رقص dance, leap, run
STHI-ta, stood	t/d Skt. SD صبدأ stand erect
L ₃ an-ava-STHI-ta, unstable	Skt. SD صبدأ stand erect
STAND (STA)	Eng. SD صبدأ stand erect
ISTA-dan, stand	Pers. SD صبدأ stand erect
STHA, 'deceit	T/D SD ساود to use deceit
pra-STHA, top, back of animal, rear	ST سطح roof (hence back of animal) cf. سماء roof, back of horse

	SVAJ, embrace	(v)	SJ سيج to fence
L ₄	A-SVAP-nag, slumberless	(v)	SB سيج to sleep
	SUP-ta, sleep		SB سيج to sleep
	SOP, sleep	Latin	SB سيج to sleep
	SOV-na, to sleep	Hindi V/B	SB سيج to sleep
	HYP-no, sleep	H/S Greek	HB=SB سيج to sleep
	A-SAS-at not punishing		SS شيص to punish
	A-SUBHA, disagreeable		SB صوب to approve+not
L ₂	ASAVA, distilled spirit		SF صفي decant (wine), filter
	SIF t, separate	Eng.	SF صفي clarif, filter
	SIEVE (SIFE) sift	Eng.	SF صفي clarify, filter
	pra-STHA, standing forth		SD صدی to stand VRA ورا in front
	pra-SUP, sleep		SB سيج to sleep
H ₂	-SVA, side, rib		SB صوب side SF صاف deviate i.e. rib
	VAI-SVA-DEVA, all gods		SB ثبی put together DV ضو light
*	VAI-SVA-RUPA, manifold		prec.+RP عرف know معرف face
	VAI-SAN-ta, forming tank		SN صنع pond
H ₂ *	SMI, surprise, pride	(s/z)	SM زعم be surprised زعم pride
	SALYA, arrow		SL اسل arrow سلاء thorn
	SAM-kara, beneficent		SM سمح be generous, bestow
	SAT, divide, destroy		ST اشاط divide, destroy
*	SAM-TAMA, most benevolent		SM سمح be generous TM تم complete
	SAM-TAN-U, wholesome for		SM سمح be generous TN طن
		body	body+U
*	SAP, abuse, curse		SB سب abuse, curse
*	SAPA-tha, curse, oath		SB سب curse (vulgar oath)
H ₅	1. SAM, toil, labour, be active		SM عسم to toil, exert
	2. SAM, soft, gentle, stopped		SM سمح be gentle سم to stop
	3. SAM, injure		SM حسم to cut off
	4. SAM, hear, perceive		SM سمع hear, understand
	SAMA, tame 5. SAM, together		SM سمح be gentle ثم collect
	SAMA-ya, exert		SM عسم exert
H ₂	SAM-A, calmness, peace		SM سمح be gentle سم reconcile
H ₂	SAMA-ya, strive, calm		SM عسم exert سمح be gentle
	SAM-bl, beneficent		SM سمح be generous, bestow
			continually
H ₂	SAL, leap, spring, rise		SL حال leap, jump شلا lift
	SALA, quill of a porcupine		SL سلامة thorn
	SALA-bha, grasshopper		SL حال leap, bha sfx. for animals

	SALA-BHYA, leap rashly		SL حال leap B هب be quick, هبا run
	SALA-ka, small stick		SL اسل spear (k diminutive sfx.)
	SAM-ya, aiming at conciliation	SM سم	reconcile
	SAL, shine	SL شعل	to light, kindle
	SAL-i, rice (rice is husked grain)	SL سحل	to husk
H ₂	SAS, punish, rule	SS شيص	punish ساس to rule
	SAS-aniya, be taught	SS ساس	to train
	SAS-tra, rule, command	SS ساس	to rule
	SAS-trin, learned	SS ساس	to train
H ₂	SAS-ya, be punished, ruled	SS شيص	punish ساس rule
	SIK-sha-ka, teaching	K/S	SK=SS ساس to train
H ₂	SIPI, animal, ray	SB سيج	beast صيغ shine
	SIM-i, effort	SM عسم	to exert
	SILA, stone	SL صلح	stone, rock
	SISH-ta, taught (SIS)	SS ساس	to train
H ₂ *	SIK-sh, teach	K/S	SK=SS ساس to train
	wish to be able	SK شوكة	power+SH شاء wish
*	SUBH, beauty, adorn	SB صيغ	be beautiful, shine
	SIGH-ra, quick	SG وسج	walk quickly وساج swift
*	SIM, prepare	M/N	SM=SN صنع manufacture, make
H ₂	1.* SUBH, glide along	SB سيج	swim
	2.* SUBH, swift course	SB اسهب	dart forth ساب go quickly
*	SUBH-a, beautiful	SB صيغ	be beautiful
*	SUBH-kara, acting nobly	SB حسيب	noble حسب noble descent
*	SUBHA-ya, gliding along	SB سيج	to swim
*	SUBHA-ya, adorn	SB صيغ	be beautiful, shine
*	SUBH-ra, radiant	SB صيغ	shine
	SUBH-LAKSH-na, hvg.	SB صواب	right لKSH=NKSH نقش
		auspicious marks	mark
L ₂	SR, hasten, HURRY	Eng. H/S	SR سرع hasten HR=SR سرع
			to hurry
	SUL-ka, price, unptial gift	SL صلة	reward, free gift
	SAILA, stone	SL صلح	stone, rock
	SAILA-AG-ra, mountain top	SL صلح	rock AG اوج top
L ₄	SAUN-a, dog (see SVA which	SN سن	seize w. teeth nfv.
		is other root)	
	CYNO, dog	Eng.	CN سن seize w. teeth
	AJA, dog	Esperanto	AJ=AZ عض bite w. teeth

KUON, dog	Greek K/S	KN=SN سن seize w. teeth
CHUAN, dog	Chinese	SN من seize with teeth
DOG	Eng.	DG=DZ ذهب bite w. teeth
SVA, dog	Skt.	SV=SB سابع to bite سابع dog
SVA-PADA, beast of prey	SB	سابع beast, bird of prey قد tread
* SV-it, bright, white	SB	صبح shine, white
SVA-VIDH, dog-piercing	SB	سابع bite BD بضع to lance
* SV-ind, white	SB	صبح be whitish
* SVE-ta-KAKI-ya, white crow	SB	صبح whitish KK تعق crow
* SVE-tana, dawn	SB	صبح morning
* SVE-ta-ARK-is, white-rayed	SB	صبح white RK ريق glitter
* SVI-ti-ka, whiteness	SB	صبح be white
* SV-as, to-morrow	SB	صبح morning (i.e. next morning)
cf. غدو =		morning, next day
* SVA-BHA-va, occurring on the morning	صبح + B	appear
L ₅ * SHAT-ka, consisting of six	Skt. ST	ست six (contraction of سدس)
* SHASH, six	Pers.	S-S=SDS سدس six, d lost
* SIX x/s	Eng.	S-S=SDS سدس six, d lost
* CHIH, six H/s	Hindi	S-H=SS=SDS سدس six, d lost
* HEX, six H/s	Greek	SX=SS=SDS سدس six, d lost
N.B. "S changes into X or H and disappears" (Jespersen P. 199) "D is sometimes lost" (Liddel's Greek Dictionary P. 171) The original سدس is not found in Sanskrit. It has undergone the foregoing changes, because numerals undergo utmost changes, as observed by Skeat.		
L ₂ SA, that US, that (Hindi) s/z	SA	ذا that
sam-STHA, standing	T/D	SD صدی to stand
SAT-ana, cut off, clip	ST	شطي cut off
SAT-in, clipper	ST	شطي cut off
SAMA-na, soothing remedy	SM	سمح be gentle
* SAD; prevail, triumph	SD	ساد rule, overcome
SAN-ta, calm, composed(SAM)	SM	سابع be gentle, forbearing
SAMI-tri, relating to carver	SM	حسم to cut off
H ₂ SAT, divide, destroy, cast	ST	اشاط divide, destroy, spill
down, disperse		شت disperse
SAM, together	SM	ثم to collect
si-SNA-SU, wishing to water	SN	سنا irrigate (water) S شاء wish
SAP, follow	SP	ثفا follow
SAP-a, male organ, tail	SP	ثفا follow (hence tail) (simile)

SA-na, old	SA	عسا be aged (not سنه)
H ₂ SUN-dar, beautiful, noble	SN	حسن beauty, goodness منى noble
perhaps SU=NARA	DR	ظاهر appearance ↑ صبح +NR=MR سرء man
SUBH, suffocate, kill by stopping breath, smother	SB	سأب to strangle a.o. to death
SU-VAR-na, glittering well	S	صح well FR فرى shine
su-RUK, bright	RK	راق shine
SU-tra, thread (SIV) weave	SF	سف weave (F=V=U)
* SAV. inhabit dwell	SV	ثوى to dwell
H ₂ * SEVA-ka, inhabiting, serving	SV	ثوى dwell SF وصف be fit for service
STA-VA (STU) praise	ST	صيته good repute الذكر الحسن
STA-va-RAG, chief of pangyrics prec. +i.e. praise	RG	روق chief راق excel
STA-vya, to be praised	ST	صيته good repute
H ₂ 1. STU, praise	ST	صيته good repute
2. STU, drop	ST	اشاط to spill
STHA, standing	T/D	SD صدی stand
* STH-an DILA, level space	ST	سطح area DL عدل equilibrate
* STHI-ra, firm, hard	t/d	SD شد be strong, hard
L ₂ STHU-na, post, pillar	ST	سطاع pole of a tent
STOO-n, pillar	Pers.	ST سطاع pole of a tent
H ₂ * STHU-ra broad, strong	ST	سطح expand شد strengthen
SNA, bathe, ablution	SN	سن to pour water
SNA-nin, bathing	SN	سن to pour water
L ₂ * SNA-yu, sinew, bowstring	SN	ثنى bend, coil (مثنى string)
* SINEW, wiriness, muscle	Eng. SN	ثنى to curve, bend
* SNAvan, tendon	SN	ثنى curve, bend
SPHYA, wooden sword	SPYA	صفيحة broad-bladed sword
1. SMI, astonishment	SM	زع be astonished سمه be confounded
H ₂ 2. SMI, smile, blush	SM	اشمع shine حشم put to blush
L ₂ SM-ile, shine	Eng. SM	اشمع shine شمع to sport, joke
pra-STHA, roof, back	ST	سطح roof (hence back of anima)
a-STHA-na, wrong place	A,	wrong سطح level place, area
a-SNA-tri, disliking water	SN	سن to pour (water) A, negative
H ₂ a-SA-mana, not shared, not equal	S	حصة share سواء equal (man sfx)

1. SA-ta, sharp (SA)	S	صوع make sharp-pointed
2. SATA (SAT) falling	ST	صنع overthrow
L ₂ 3. SATA, delight	ST=SD	شده to delight شاد Pers.
H ₂ SAT-ana, causing to fall, cutting off	ST	صنع overthrow شطى skin and cut off
SAN-ti, tranquility (SAM)	SM	سمح be gentle
SABA-la, mixed, variegated	SB	شباب mix شائبة stain
L ₂ SIPHA-ra charming	SP	شعف be enamoured
SHEF-tan, to enamour Pers.	SF	شعف to be enamoured
SIBH-am, quickly, swiftly	SB	سب go quickly
H ₂ * SATTVI-ka, vigorous, indicating inward sentiment	STV	سطوة might
SENTI-ment feeling (Eng.) (n)	ST	سطع perceive by smell (feel)
SAM-ASA, together+put	SM	ثم collect AS اس put, base
H ₂ UPA-SAN-ti, cessation, calmness	SM	سم to stop سمح be gentle n/m
L ₂ ASPHO-ta, crack of fingers	SP	سعف be cracked (fingers)
CHAP, crack (of skin) Eng.	SP	سعف be cracked سنف to chap
CHAP, boy CHAP, jaw Eng.	SB	صبي boy KP=PK فك jaw
pra-SAS-ya, be ordered	SS	ساس to rule
pra-SISH-ya, pupil	SS	ساس to train
* pra-STA-ra, flat surface, strewing, spreading out	ST	سطح to flatten, scatter, expand, spread
H ₂ * pra-STHA, level expanse, standing forth	ST	سطح to level
SINA, food	ST=SD	صدى to stand+ورا
SABA-lila, variegated	SN	ضبع food (طعام)
SASA-ka, teacher, instructor	SB	شائبة stain شباب to mix
L ₂ SIPI-vishta, bald	SS	ساس to train
SHAVE Eng.	SP	سحف to shave (the head) VS اوسى shave
SIPHA, stroke w. rod S/K	SV=SP	سحف shave (the head)
SA-ma-VI-SHA-ma on level or uneven ground	KP	كفح strike w. stick cf. صبح strike w. sword
su-SUM-na, very gracious	S	سوى level, even
pra-STU-ta, begun	VI,	not S سوى level, m sfx.
	SM	سمح be generous, bountiful
	ST	ساط begin

-SUP, slumbering	SB	سبح sleep
H ₂ SVAPA, inducing sleep, sporofic (missle)	(v) SB	سبح to sleep
pra-SVA-na, sound, noise	SP	سنى be scattered
L ₂ ati-SAT-varam, very hastily	SV	صو echoe
CHHET-i, haste (Punjabi)	ST	ستا to hasten
adhi-STHA-na, stand-point T/DSD	ST	ستا hasten
-SHTHA-tri, superintendent	SD	صدى to stand, adhi, on
-SHTHI-ta, stood on	SD	صدى stand, adhi—above
L ₂ ava-STHA, stay, state	SD	صدى stand
STAY (STA) stand Eng.	SD	صدى stand
a-vi-SMI-ta, not astonished	SM	زع be astonished سمه be astounded
upa-STU-ti, invocation	ST	صات utter a cry
SAN-tvana, kind word (SAM) V/B	SM	سمح be generous, gentle TB اطاب speak gently
PLATEAU, flat Eng.	PLT	فلطح flatten
* pri-STHA, ridge, plateau	ST	سطح roof, flat top
SAP-ti, courser, steed	SP	سنا be swift in running (animal)
ati-ni-SHN-ta, very experienced	SN	ضبع skilful, trained ضع make w. skill
SILA, ear of corn left on the field	SL	حاصل remainder حصالة siftings of wheat
SILA-UNKHA, gleanings	prec+NK	نقح to strip
SEVALA, slimy (v)	SL	ثله mud
SAL-a, stony	SL	صلع stone
SAMA-nya, common	SM	سم be common
SMA-SANA, burning ground	SM	سم burn SN صحن courtyard
SAIL-aya, produced f. stone	SL	صلع stone
* SAU-va, of dog (SVAN) U=V=B	SV=SB	سابع to bite nf. اليل dog
* SAY-in, thing	SY	شي thing
H ₂ * SALI-la, flowing, fluctuating	SL	سال flow غسل quiver, be rippled
* SALI-la-PA-Vana-AS-in, water+air+subsist	SL	سال to flow سيالة water
sa-vi-SMA-ya, astonished	P	هف whizz (wind) As عاش live
	SM	زع be astonished سمه be astounded
L ₂ sa-SME-ta, w. a smile, bright aspect	SM	اشمع shine شاع with aspect

sa-SME-ran, w. a smile	SM اشمع shine شمع sport, joke
SM-ile, shine	Eng. SM اشمع shine
su-SAMI, diligently	SM عسى to exert
* SU-SAS-ta, well-recited s/k	S سم well SS=KS قص state
-SANTA, very calm (SAM)	SM سمع be gentle+صح sound, well
-SASI-ta, well-disciplined	SS ساس to train+صح sound, well
-SIGH-ra, very quickly	SG وسج be quick+صح
SU-SHAN-a, easy to	SN=KN قتا acquite
obtain s/k	
-SHAMA, beautiful	SM وسامة beauty
SU-SUP-ta, sound sleep	SB سبج to sleep SU صح be sound
H ₂ -SHTHU, well-placed,	ST سطح level place سطا be plentiful
exceedingly	+صح
* SA-ina, hvg. a master (SVA)	SA صاح master=SV=SB صاحب master
SEN-ya, spearman, warrior	SN سن to spear
* SELA, kind of weapon	SL سلاح weapon
H ₂ * SELA, robber, waylayer	SL سحل peel i.e. rob حال attack
* STHA, broad	ST سطح expand, spread
STHA, stand	ST=SD 'صدى' stand
STHA-naka, station, rank	SD 'صدى' stand
STHA-p-ana, erection	SD 'صدى' stand erect
STHAYI-bhu, become lasting	SD 'صدى' stand B=SB اصبح become
* SVA-min (SVA) master v/b	SB صاحب master
L ₂ * SVA-mya, mastery	SB صاحب master
* BOSS, master	Eng. BS=SB صاحب master
* SPHU-ta-VAK-ti, speak clearly	SP صفا be clear BK بق prate, talk
SVA, self	SVA سواء equal. self (سواء نفس)
SELF, same, very	Eng. SLF سالف to equal
TAP-as, penance	TB تعب toil+تاب repent
* TAL-pam, tower	TL طلع elevated spot, look-out
abhi-TAPA, bearing grudge	TB عتب be angry cf. 'تقى' be angry
L ₂ THR-j, threaten	TR تار threaten, scold
THREA-t,	Eng. TR تار to threaten, scold
TUSH-ta, pleased	TS تاسى console
ut-TAR-anga, break forth	TR تار to dash, swell (waves)
like waves	(NG nasal)
TAM, become breathless	TM تهم be exhausted
TAR-a, crossing	TR طرى to pass over

TAR-i, boat	TR تار to flow
L ₂ TAR-u, tree	TR طر to grow (plant) cf. TREE
TARU-na, fresh	TR طرؤ be fresh
TALI-na, covered w.	TL طلى to coat, overlay w.
* TAMA, longing, yearning	TM طمع to covet, yearn
TAM-i, suspend breath till	TM تهم be exhausted
exhaustion	
TAM-ra, dark-red	TM=MT متع be intensely red
* TALA, fan-palm	TL طلع spathe of palm-tree
TAL, be confused	T/D TL=DL دله be confused, bewildered
TAL-ana, clapping of hands	TL=LT لطح to slap
* TALA-PATT-ra, palm leaf	TL طلع spathe of palm نطح broad (i.e. leaf)
TALI, tree	TL طلع to grow (plant)
L ₃ TAL-uska, palate	TL=LT لطح palate
PALATE,	Eng. (P)LT لطح palate
TALU, palate	(Hindi) TL=LT لطح palate
H ₂ TIRA, crossing, bank	TR طرة to pass طر bank
TIR-thá, crossing place	TR طرى to pass over
TIR-tha-ka, making a ford, holy	prec. (holy due to crossing Ganges)
TIR-thi-kri, be hallowed	sense of being holy due to Ganges
H ₂ TUR, hasten, press on, race	TR طار hasten to do طرى run up
TUR-a, quick	TR طار to hasten
TURA-GA, quick-goer, horse	prec.+GA جعا to walk
TUR-am-GA-ma, horse	TR طار hasten GA جعا walk
H ₂ TEL, lift, weigh, equal	TL تل to lift weight حتل equal
L ₂ H ₂ TUL, balance, weight,	TL تل lift weight حتل alike
raise, similarity	
TOAL-na, to weigh	Hindi TL تل to lift weight
TUSH, be calmed, contented	TS تاسى console, bear w. patience
TUSH-ti, satisfaction, content	TS تاسى console, bear w. patience
TAILA, sesamam oil	TL طلا oil pfg.
TAILA-kara, oil-grinder	TL طلا oil
L ₂ TRA-sana, timid	TR قرع to fear
	TAR-si-dan, fear Pers.
H ₃ VAS, love, cut, take away	VS فاس desire هوس cut نص pull out
TOSHA, satisfaction, appease	TS تاسى console
L ₂ ud GAD-GADI-ka, sobbing	KD كئود deep sigh (duplicate)
* ud-GA-ma, coming forth	ud, forth, GA جاء come

* ti-TIK-sha, endurance	TK طاقة power
ti-TTRI, speckled=partridge	TR طرة streak, stripe
PARTRIDGE (PERD-ix)	BRD برد streaky garment
speckled	
ti-TIR-sha, desire to cross	TR طرى to pass over شاء desire
TILA, sesamum oil	TL طلا oil (whence sesamum seed=
mole, grain (mark Metonymy)	i.e. تيل) similitude of mole or grain)
TILA-KHANA, grain of	
sesamum seed	prec.+KN=KM قمحة a grain)
TILA-kaya, adorn	TL طلى to gild, varnish
TIRA, crossing=bank	TR طر pass طرة bank
H ₂ ADHAM-ata, inflated, swollen	TM طم fill طموح swollen d/t
TULI-ka, paint brush	TL طلى to coat, varnish
H ₂ * TULA, tuft, mattress	L/R TL=TR طرة lock of hair طرح spread
L ₂ TUSH-nim, silently	TS طس to silence
re-TIC-ence, silence	Eng. TS طس to silence
TAC-it, silent	Eng. TS طس to silence
TUNA-va, flute	TN طن to ring, buzz
tu-TUGA, swift, furthering	TG تاق to hasten towards
* ATTALA-ka, watch-tower	TL طلع look-ut, elevated spot
TALA-va, musician	TL طلى to sing
TURA-SHAH, quickly	TR طار hasten SAH=KAH كاح
conquering	overpower
H ₂ TR-as, tremble, be afraid	TR عتر quiver ترع to fear
L ₃ TAR-si-dan, fear	Pers. TR ترع to fear
TERR-or, fear	Eng. TR ترع to fear وتر frighten
TRI-yam-BAK-a, 3 eyed	TR وتر odd No. i.e. 3 BK بقا look at
* TRI-LOK-ana, 3 eyed	وتر+LK لاقى meet face to face
	(i.e. see)
TRI-AKSH-a, 3 eyed	وتر+KSH قشع to see
SU-TASH-ta, well-wrought	S صج well TS طوس decorate
a-VAR-ka, covering	VR ورى conceal, disguise
* a-VILA-ya, make turbid	VL وحل become muddy
H ₂ 1. PARA, previous	PR افرع begin ورا before
2.*PAR-a, opposite, beyond p/v	VR ورا opposite, beyond
H ₂ PRA-ti-KULA, against bank, hill	VR ورا against كلا bank قوعلة hill
H ₂ PRA-k, before, formerly	VR ورا before افرع begin
PRA-AG-ra, extreme point	VR ورا beyone AG اوج top (i.e. tip)
* pra-VARA, cover	VR ورى disguise, conceal

* PRA-kya, being in front	VR ورا in front
* FRO-nt,	Eng. FR=VR ورا in front
* pra-VAR-ana, cloak (VRI)	VR ورى disguise, conceal
* PRA-DVAR, front of door (V)	VRA ورا in front DR=TR ترعة door
* PRA-DÜR, out of doors	VRA ورا beyond DR=TR ترعة door
PUR-va, before, east	P/V VR ورا before (i.e. when facing sun)
PES, dry, wither	PS فشح be dried at the top
BHUSH, adorn, decorate	B/V BSH=VSH وشح adorn
BHUSH-ana, ornament	VSH وشاح ornaments
H ₂ FAK go softly, behave ill	BK بقع go بكن receive rudely
H ₄ 1. VRI, cover, conceal,	VR ورى conceal (hence surround)
surround	
obstruct, restrain,	وعر prevent
ward off, reject	ورأ repel ور reject
2. VRI, choose, excel	BR برجة choice برع excel
VAR-us, breadth	VR واره broad
* VARI-tra, securer (VRI)	VR ورى conceal وعر prevent
* VARA-DA, granting boons	BR بر beneficence D ادى give
CHAL, sport, frolic	SL سعل be sprightly, merry
VARA-ka, rejected	ور reject
VARA-ta, may check	VR وعر prevent
L ₂ BOAR, POR-C-su, pig	Eng. BR=PR عفر boar
VARA-ha, boar	Skt. VR=FR عفر boar
VARI-man, expanse	VR واره broad
VAR-ishta, broadest	VR واره broad ISHTA splv. sfx.
H ₃ 1. VR, excel, choose	VR برع excel (hence choose)
2. VR, cover	VR ورى conceal
3. VR, ward off	VR ورا repel
H ₂ 1. VARI-yas, broader	VR واره broad, yas comparative sfx.
2. VARI-yas, more excellent	BR برع excel YAS comparative sfx.
* VARU-na, encompasser	VR ورى conceal (hence encompass)
* VARU-tri, protector	VR ورى conceal
* pro-TEC-t (TEGO) cover Latin	TG=GT غطا cover, conceal
* VARU-tha, protection	VR ورى conceal
VAR-unya, to be wished	BR برع excel (hence be wished)
* VAR-na, covering, coating	VR ورى disguise, conceal
H ₂ VAR-na-ka, describing	VR=BR عبر explain
H ₂ VAR-na-ya, colour, explain	VR ورى cover, show (transf.) عبر
	explain

VARA, select,	BB برع excel cf. برحة choice
VARA, choose, love	BR برع excel (hence be lovely)
H ₂ VAR-ya, excellent, be chosen	BR برع excel, hence choice
L ₂ VISH-t, enveloped	VSH وشع to wrap, roll up
VES-t, to clothe Eng.	VS وشع wrap round (لفه)
H ₂ * VAS, will, order, be fond of	VS وصية will, order هوس desire
H ₂ * VASA, power, dominion, desire	VS وسع power, extent هوس desire
H ₂ 1. VAS, shine, white, grow	VS وضاءة whiteness, brightness بص shine
2. VAS, wear, put on	VS وشع wrap round
3.* VAS, stay, dwell	VS=SV ثوى settle in a place
4.* VAS, rush at, attack	V/F FS فزع rush, attack
5. VAS, cut off	FS فأس to cut
VAS-a, lowing=cow	BS باش be noisy, vociferate
* VAAS-tu, existing, place	VS=SV ثوى settle in a place
br. BUKA, moisture	BK بقق to soak
H ₂ * KAN, please, satisfy, obtain	KN اكنى please, satisfy قنا acquire
VESH-t, wind round, dress	VSH وشع wind round, wrap
1.* VA, desire	VA هوى desire
H ₂ 2.* VA, grow weary, desire	VA وهى be weak هوى desire
L ₂ 3.* VA, weave (SIV) S lost	SV=SF سف weave
WEAVE (HUPHE) H=S Eng.	HP=SP سف weave
L ₂ VIP, shake	VP وهف be shaken (plant)
VIP-na, waving=forest	VP وهف be shaken
L ₂ VIP-ra, inwardly shaken=	VP وهف be shaken
inspired	
VIB-r-ate, shake Eng.	VP وهف be shaken
* VA-VRI, conceal	VR وري conceal
* VASA-ni, in the power of	VS وسع power, extent
* VAS-in, ruling, willing	VS وصية order, will
* VASI-kara, subjecting	VS وسع power
VASH-ti, eager	VS هوس violent desire
L ₂ VAS, clothed VES-t Eng.	VS وشع to wrap round
* VASA-va-na, preserver of	VS وسع wealth V=F عافى preserve
wealth	
* VASU-DHA, yeilding wealth	VS وسع wealth D ادى pay
* VASU-mat, possessing wealth	VS وسع wealth mat sfx. sfx.
* VASU-va-ni, desiring wealth	VS وسع wealth V هوى desire
* VAS-yas, wealthier	VS وسع wealth (yas comparative sfx)

L ₂ VAS-tra, garment	VS وشع to wrap cf. VES-t. Eng. ثاوه
* VAS-tya, dwelling, house	VS=SV ثوى stay in a place house
* VAS-u, girl	VS=SV ثوى dwell (dwelling) transf.
VA-ta-AS-a, feeding on air= snake	VA هوا air AS هاس to eat
H ₂ VA-tu-ka, windy, bent	VA هوا wind عوى to bend, twist
VA-ma, eager, lovely	VA هوى desire (desirable=lovely)
VA-ma, on the left, perverse	VA عوى to bend, twist
* VA-ma, LOK-ana, lovely eyes	VA هوى desire LK لتى meet (hence see)
VA-ma-AKSH, fair-eyed	VA هوى desire KSH قشع see
VARA-na, ward off (VRI)	VA ورأ repel
VARA, water	VR=RV روا sweet water روى be well-water
VAR-ya, to be restrained	VR وعر prevent
VAS, resist	VS وعت hinder
VIDA-tha, wealth	VD ودع be wealthy
VISH, enveloped in	VSH وشع to wrap up
VEPA-tha, quivering	VP وهف be shaken (plant)
VESH-t, wind round	VSH وشع to wrap, wind
VAIRA, enmity	VR وحر rancour
* VESA, prostitute	PS فاحشة prostitute
* VAR-man, envelope	VR وري conceal
* VAR-na, covering, colour	VR وري disguise, conceal
VR-it, enclosing, following	VR وري conceal (people who conceal by following)
cf. غاشية cover, followers	
VR-it, turning	VR حور return
VR-itti, rolling	VR حور spread w. roller
* A-VEDA, not to be wedded	VD وديعة trust, pledge cf. وضيفة pledge
H ₂ * WED, pledge, wager	Eng. VD وضيفة pledge WG=WZ واضح to bet
AVALI, streak, line	VL ولع be streaked
AVILA, turbid, dim	VL وحل become muddy
AVILA-ya-make turbid	VR وحل slime, mud
* nir-AVR-ana, uncovered	VL وري conceal, disguise + not
* pra-VES-ma, on every house	VS=SV ثوى dwell ثاوة house, enclosure

H ₂ VIR-ati, each cessation or disappearance	VR=BR بح cease وری conceal
1. pra-VASA, go abroad	FAS فاس go ورا beyond
2.*pra-VASA. residence abroad	VS=SV ثوی reside ورا beyond
pra-VEGA, great swiftness	VG وج be swift+ ورا
pra-VEG-ta, moving rapidly	VG وج be swift
pra-VEP-in, trembling	VP وهف be shaken (plant)
pra-VERI-ta, cast, hurled	VR ور to throw
H ₂ * 1. PRA-SH-ti, being beyond or in front	VR ورا beyond, in front SH عاش live
* 2. PRA-SH-ta, going in front	VRA ورا in front S سعی go
* VAR-ni-ka, paint, mask	VR وری conceal, disguise
* VASI-VA-na, possessor of wealth	VS وسع wealth V حوی possess
* VASI-kara, subduing	VS وسع power, extent vfn.
* VAS-AV-ya, affluent wealth	VS وسع wealth AV=AF عنو excess
* VASU-DHA-ra, holding treasure	VS وسع wealth D ودع deposit
* VAS-na, price, value	VS وسع power (power to buy)
VAG-in, swift	VG وج be swift
L ₂ VAG, be strong, vigorous	VG=VZ وزأ strong
VIG-our, strength Eng.	VG=VZ وزأ strong, stout, sturdy
H ₂ VELA, limit, coast, end, occasion, tide, time of day	VL ولع to stop والعة hindrance
VEDI, shallow bed, dug-out	VL=BL حباله seasonable time
	VD وهد prepare a bed وهدة cavity, abyss
L ₄ * VAISH-ayika, of kingdom or sphere	VS وسع power, extent
ن* pro-VINCE, sphere of action Eng.	VS وسع power, extent (N)
* VAS, power, extent Punjabi	VS وسع power, extent
BAS, power, extent Hindi	BS=VS وسع power, extent
VRA-na, wounded	VR وری to wound in lungs gfp.
* pra-VESI-ka, neighbour	VS=SV ثوی dwell+VRA ورا near
* -VES-ya, neighbour	VS=SV ثوی dwell+VRA ورا near
-VR-it-KALA, rainy season	VR وره heavy w. rain (cloud) خلا time
-VRI-sh, rainy season	VR وره heavy w. rain (cloud)
-VRI-sh-EN-ya, referring to rain	VR وره+EN عنى to hint

* ati-VIS-tara, great extent	VS وسع extent+ عتا
* ati-VIS-arin, wide scope	VS وسع enlarge, be wide
H ₂ ati-VIH-VALA, very perplexed	VL ولد be perplexed
greatly overcome	VL=BL على بل overcome
ati-VIR-ata, excessively pious	VR ورع be pious عتا exceed
L ₂ A-DVI-VAR-sha, not 2 years old	A, not DF ضعف two VR وره rain =year
VARAH, year Punjabi	VRH وره rain (transf. to year)
H ₂ adhi-VASA, neighbour, dwell	VS=SV ثوی dwell+adhi
a-VRI-ka, not hurting	VR وری to wound, corrode
* a-VRIT-ta, not taken place	VRD ورد to arrive t/d
ud-VIG-MAN-as, troubled in mind	VG وجع pain MN من think=mind
VAR-yam, boon	BR بر bestow bountiful gifts
* SHATHA, roof, ridge, back	ST سطح roof (cf. مماء roof, back)
* -VAS-tu, upper storey (=VAS+ST-U)	VS=SV ثوی dwell ST سطح roof (syncope)
VASTU-VAMSA, backbone (m)	(V)ST سطح back VS وعت broken bone gfp.
* prati-VADH-ana, counter-greeting	VD وضع to lower, humble+ ورا in front
* pra-VRA-na, fulfilment, complete	VR=FR وفر render complete fulness
VASU-YU, wealth-loving	VS وسع wealth Y=J جاع to long after
L ₂ VIRA, man, vigorous, manly	VR وری man (vigour implied)
VIDH-ara, bright sky	VD وضاء brightness
L ₂ VIR-ya, manliness Skt.	VR وری man, VIR-ile, manly Latin
VAK, interrupt	VK عوق hindrance
VAS, reward for	VS عوض reward
L ₂ VAS, dawned فصیح appear dawn	FS فصیح dawn cf. وضح gleam of dawn
پگاه PAGAH, dawn Pers.	PGH=PZH فصیح dawn
* sam-VAR-niya, to be concealed	VR وری conceal
-VRI-t, cloud charged w. rain	VR وره heavy w. rain (cloud)
L ₂ * su-VIS-ala, very extensive	VS وسع be broad, wide
* su-VIS-tara, great extent	VS وسع extent cog. w. VAS-t Eng.
su-VEGA, very fast	VG وج be swift
* su-VRI-ta, well-concealed	VR وری conceal+ صح

VEK-shin, looking	VK=BK بقا look at
* a-nir-VEDI-ta, not displayed	VD=BD بدا be manifest
* a-nir-VRI-tta, unhappy	VR=FR فرح rejoice
VAmS=VANS, family, (m)(n)	VS ورس tree used for making lutes, bamboo tree
(Its knots compared to pedigree-tree)	
H ₂ * A-vi-VEKA, undivided,	FK فك separate A, not
lack of judgement	فقه knowledge of jurisprudence
	A, not
I ₄ YUVA-ka, youth	YF ينع young
YOUNG (YUVA-ka) Eng.	YF ينع young
JUVE-nile, young Eng.	JF=YF ينع young
JAW-an, young Pers. w/f	JF=YF ينع young ينعان young
YU-vat, youthful (F=V=U)	YU=YF ينع young
YUV-ishta, youngest	YF ينع young

N.B. EST=ISHTA is a superlative sfx. in Eng. and SKT=
EST=VST واسطة best.

UNILITERAL FORMULA

Restore 2 of the delicate letters (ع - ا - ه - ح - و - ي) to one consonant. The following more than 600 words have vindicated the unitateral formula along with the homonyms.

BHAY, fear	B هاب to dread, fear
apa-BHA-ya, fearless	B هاب to dread, fear APA. not = هب away
BHI-ra, fearing	B هاب to dread, fear
BHI, fear	B هاب to dread, fear
L ₂ A-BHI-ru, fearless	B هاب to dread, fear
B-eem, fear m sfx. Pers.	B هاب to dread, fear
BHI-yas, BHI-ti, fear	B هاب to dread, fear
BHI-sha, intimidation	B هيب frighten
BHI-SH-am, dreadful	B هاب dread
H ₂ BHY-as (BHI) be afraid, tremble	B هاب to dread هب to quiver
BHU-ti, well-being	B=F عافية health
BHI-ma, fearful	B هيب terrify
BHI-ma-OG as, terrible might	B هيب frighten OZ عز power g/z
prati-BHA, terrible	B هيب terrify

vi-BHE-tavya, be afraid	B هاب to dread
P-a, drinking	P=B عب drink, nom, A.
APA-PA-yas, waterless	AB هب away B عب drink
PA, drink	B عب drink
PA-toya, to be drunk	B عب drink
PA-tra, drinking	B عب drink, TRA sfx.
PA-ana, drinking	B عب drink
a-PI-ta, not hvg. drunk	B عب drink
PA-niya, drinkable	B عب drink
H ₂ PA-y-in, drinking, sucking	B عب drink عب breast vin.
PI, swell, overflow	B عب rise and swell (sea)
PI-nv, swell, overflow	B عب (extended form of عب)
H ₂ PI-va, swelling, fat	B عب swell غنى thick
PE-ya, to be drunk	B عب drink
PYAI, swell, overflow	B عب rise and swell (sea)
a-PA-na, carousal	B عب drink تعبب be intoxicated
am-BHA-sa, watery	B عب drink
PA-VI-ni, imbibe eagerly	B عب drink V هوى desire
PE-PE-ya, drink repeatedly	B عب drink
PE-PA-SA, desire to drink	B عب drink SA شاء wish
pra-PA, water-tank	B عب drink
pra-PA-na, drinking	B عب drink
L ₄ AMBU, water (m)	B عب drink
AAB, water Pers.	B عب drink
im-BI-be, drink Latin	B عب drink
PA-ni, water Hindi	B عب drink
AP-tya, watery	B عب drink
A-PI-na, udder	B عب breast
ABHI, near, for, against	B ب by, for, at
ABHI-ISH-ta, wished for	B ب for SH شاء wish
BHA-ana, appearance	B باح appear
Pi, go, shake	B هب to be away, to quiver
a-BHA-na, non-appearance	B باح appear
PAI-tri-ka, paternal	B ابا be a father, tr. agent sfx.
pra-PI-ta-MAHA,	VRA ورا beyond
great grandfather (H=gh=Z)	B اب father MH=MZ=ZM عظيم great
BHA-nu, light, sun	B بها light
L ₂ BHA-ma, lustre	B بها light
ن BEA-m, ray m sfx. Eng.	B بها light

BHA-nava, peculiar to sun	B بها light
BHA-RIGI-ka, brilliant w. light	B بها light RG رجع shine
BHA-ti, lustre	B بها light
BHA-nu-mat, radiant	B بها shine
BHA-min, radiant	B بها shine
H ₃ BHA, star, similarity, appear	B بها to rise (star) بوا equality باح appear
pra-BHA, shine, splendour	B بها shine, splendour
pra-BHA-ta, begun to be light	PR افرع begin B بها light
BHA-MANDA-la, light circle (n)	B بها light MD مائدة circle
BHA-va, splendour, power	B بها splendour (transf.)
BHA-va-t, luminous	B بها light V حوى have
BHA-va-vat, powerful	B بها splendour (transf.) V حوى have
H ₃ BHU-man, earth, place	B بها dust بوا dwell بهو plain
* BHUR (BHU) earth	B بها dust باءة dwelling
	BR برى earth ↑
H ₂ vi-BH-u, far extending, splendour	B بها enlarge بها splendour
BHU-man, abundance	B بها enlarge
BHU-yas-tva, increase	B بها enlarge
BHU-yishta, most abundant	B بها enlarge ISHTA splv. sfx.
1. pra-BHU, much, abundant	B بها enlarge
2. pra-BH-U, being before (others)	VRA ورا before B باح appear
prati-BHA-ta, equal to	B بوا equality
H ₂ prati-BHA, light, image, resemble (samni-BHA) like	B بها light بوا equality (i.e. image, resemble)
prati-BHU, equally, surety for	B بوا equality
prati-BHA-ta, equal	B بوا equality
* PA-ni, sale	B باع sell
* pra-PA-na, purchase, barter	B باع purchase and sell
CI, collect	C عصا to collect
A-D-ya, pitiless	D هاود feel sympathy, A, not
* A-AD-tta, not given	D ادى to pay
A-DAH-ya, not combustible (H)	D حضاً kindle fire
* an-abhi-DHE-ya, not thinkable	D عد think
* DE-ya, to be given	D ادى to pay
* ADHO-GA-ta, gone down	D وضع to lower G حجج go
* an-ava-DHA-na, inattention	D عهد observe carefully + not

* abhi-DHYA-na, think	D عد think
DU-ta, messenger	D ودى send a.o.
H ₂ ava-DA-ta, clean, pure, white	D وضو be clean وضاء whiteness
a-DAH-na, place of cremation	D حضاً kindle fire
a-DA-tri, receiver	D يدى receive
* a-DI, taking in hand	D يد hand يادى hand down
* ADHI-kri, pledge	D ودع deposit ودیعة trust cf. ودیعة pledge
* UGGH (UD-ha) forsake	D ودع bid farewell
* ID, be-seech, praise	D دعا invoke, pray
* upa-DA, offering, present	D هدى to offer, present
* upa-ni-DHI, deposit	D ودع to deposit
* upa-pra-DA-na, gift	D هدية gift
upa-DHA, fraud	D دأى deceive
* da-DI-ti, gift	D هدية gift
L ₃ * DA-tta (DA) give	D ادى to pay DAI-na, Hindi
	DA-dan Pers.
* DA-tri, property	D ادى to pay (payable) + ودع be wealthy
H ₂ DAY, divide, sympathise	D هد break هاود sympathise
DAYA, sympathy	D هاود feel sympathy
H ₂ * DAYA-ta, lover, husband	D ود love هاود sympathise
DI-DHI, look	D عهد behold (reduplicate)
DI-DHI, perceive, appear	D عهد meet, behold, visit, observe
DAI, purify	D وضو be clean, neat
DI-na, miserable	D داهية calamity
DA-ru, generous	D يدى be generous
H ₂ * DA, give, grant	D ادى pay يدى be generous
DI-ta, liberality	D يدى be generous
	وعد to promise, ادى to pay, يدى be generous, هدى to present, are kins.
* DYU, rush at, attack	D عدا run عداعلى attack
* DHI, thought	D عد think
* DHI, receptacle	D ودع deposit nf. وضع put
* DHA-na, deposit	D ودع deposit
* DHYAI, think	D عد think
* DHA, place	D وضع place, put down
* 1. DHI-ra, thoughtful	D عد think
* 2. DHIR-a, lasting	DR دهرى lasting f. دهر long time

غ* DUR-able, lasting	Eng. DR	دهرى lasting f. دهر time
		↑ عرد hard
N.B. To last is connected w. time and not w. hardness		
DHI-van, skilful	D	دهى be shrewd ده skilful
DHI-vant, wise	D	دهاء sagacity دهى wise
DHI-vara, very clever man	D	دهاء sagacity VR وری man
pi-DHI-t-SU, wishing to conceal	D	دح conceal S شاء wish
pi-DHA-tvya, be covered, stopped	D	دح conceal, fill (hence stop)
STOP, fill, cram	Eng. S-TP	اطف to fill up طنج be overfull
* pra-DHY-ana, reflect	D	عد think, reckon
H ₂ * pra-DA, giving, bestowing	D	ادی give یدی be generous
H ₃ * pra-DA-tavya, be given or bestowed	D	ادی give یدی be generous
pra-DA-ha, burning	D	حضا kindle fire
pra-di-DH-yana, radiant	D	شاء shine (reduplicate)
* pra-DHA-ni-ka, prominence	VRA	ورا before D وضع put
* pra-DHA-na, put forward	VRA	ورا before D وضع put
* pra-DHI, out setting	D	ورا before D وضع put
anu-vya-DHA, filling	VRA	دح fill
a-sam-DHE-ya, not peace w.	D	هاود make peace w.
a-sam-DA-dhna, not+peace	D	هاود make peace w.
* ADHI, care, anxiety	D	عهد observe carefully
* ADHI-kri, pledge	D	ودع deposit, trust وضیعة pledge
* ADHU-nika, present	D	هدى present
H ₂ ADHE-ya, be deposited, put on	D	ودع deposit وضع put, place
* DHA-na, deposit, wealth	D	ودع deposit, be wealthy
H ₂ * vi-DHA, disposition, part, manner, mode	D=Z	وزع divide, share وضع manner
* vi-DHA-tavye, be fixed	D	حد define, determine, limit
vi-DHA-tri, disposer (put)	D=Z	وضع put, place
pari-DA-ha, burning	D	حضا kindle fire
DHI r-ya, prudence, wisdom	D	دهى prudent, wise
H ₂ * DHU-ni, rushing, roaring stormy	D	عدا to run هاد rumbling of sea
* DHA, settle=law	D	وضع put, impose upon
* a-ve-DHE-ya, perverse	D	هدى right course, A not
* abhi-DHE-ya, be expressed	D	وضع to explain

* DHYA-tavya, be thought of	D	عد think
* ni-DHI, putting down	D	وضع put down
* ni-DHA-tavya, entrusted	D	ودع trust ودع confide
* ni-DHA-na, putting down	D	وضع put down
H ₃ * prati-ni-DHA-na, profound meditation, vow, employment, request, spy	D	عهد observe carefully + عد think عهد oath عهد applied to affairs دعا invoke عهد behold
L ₂ * vi-DHA-tavya, one should care	D	عهد observe carefully
ن HEED, care (HUT) guard	Eng. HD	عهد observe carefully ↑ HT حاط guard
* prati-a-DHA-na, place for keeping	D	ودع to deposit
H ₂ * pra-D-a, giving, bestowing	D	ادی give یدی be generous
H ₃ * pra-DE-ya, be given or bestowed, given in marriage	D	ادی give یدی be generous بهدى bring bride to bridegroom
* pra-DYO-ta, light	D	ضو light
H ₂ * pra-DYO-in, explaining illustrating (light)	D	وضع explain وضاء brightness
pra-DHA-vana, ablution	D	وضو be clean وضو water for ablution
* pra-DHI, outer setting	VRA	ورا before D وضع posture
* ava-DHI-kri, fix limit	D	حد define, determine, limit
pra-HI, send (DHAO) H=lost	D	ودی to send a.o. d loost, root lost
pra-HI-tam-GA-ma, going on a message (DHA)	D	ودی to send d lost, root lost
DHA-na, wealthy	G	جنا to walk
vi-DHA-na, lacking property	D	ودع become wealthy D become wealthy vi, not cf. ادی give
H ₃ vi-DHA, tvya, be fixed, employed, thought of	D	حد define عهد applied to affairs عد think
H ₂ * vi-DHI, disposition, manner	D	وضع put down وضع manner
vi-DHI-na, according to rule	D=Z	وضع put down (i.e. fix) حد define
* ANE na-vi-dhi-na, in this manner	AN	عن for, from D وضع manner
* vi-AT-va, opened wide (DA)	D	دحا to extend
sa-DY-as, on same day	D	ضياء sunlight (i.e. day) S=واء equal
* sa-DYAH-SU-tva, (soma) pressing on same day	S	واء equal e.i. same DY عصص light i.e. day S عصص press (soma)

sa-DAH-na-wealthy	D ودع be wealthy
sam-DHI, put together	D وضع put SM ثم together, collect
H ₂ * sam-DH-in, minister of alliances, milch cow	D وضع put ثم together (i.e. ally) وضح milk
sam-ni-DHA-na put together into=receptacle	D وضع put + ودع deposit SM ثم collect (hence=together)
* sam-vi-DHA, take position	D وضع posture
L ₂ * sam-pra-DA-ya, traditional * TRADITION (tra-DA) give	D ادى give يادى hand down D ادى give يادى hand pown
Eng.	
* a-DHA-mana, pledge ADH-ya, wealthy AG-ni-DHI, fire-kindler a-GO-PA, without herdsman	D ودیعة deposit, trust وضیعة pledge D ودع be wealthy AG اجة fire D حضا kindle G عجم bellow (bull) P=KP خفی guard
* ANG, go (n)	G حجا go حجا walk
* A-GAY-ya, unconquerable	GY قوی overpower A, not
ATI-GA-va, extreme rapidity	G وج be swift عتا extremely
* an-AGA-ta, not arrived	G جاء to come, arrive + not
* an-AGA-mana, non-return na-GA, tree, mountain	G جاء come + not G حجا to walk (not walking)
A-GA-ma, immoveable, tree	G حجا to walk
* AG-ma, road	G حجا go سحجة road
* abhi-AG-ata, visitor, guest	G جاء come (Comer)
* abhi-AG-ama, approach	G جاء come
* A-GA-ta, guest comer	C جاء come
* A-GA-ma, coming up	G جاء come
* A-G-antavya, coming up	G جاء come
L ₂ GA-m, step m sfx. Pers.	G حجا walk ججوة step (خطوة)
GA-mi-dan, walk Pers.	G حجا walk
H ₂ GA-m, go, walk (m sfx)	G حجا walk حجا go
* GA-ya, name of city of pilgrimage	G حجا make pilgrimage
* GA-ti, going	G حجا go حجا walk
GA-ti-BHANGA impeding gait (N)	G حجا walk BG=BZ بضح cut, split
H ₂ * GA-ma-AGA-ma, going, coming	G حجا go G جاء come
GA-va, ox=crying	G عجم cry. bellow (bull) nfv.

* cf. NAD-a, roarer, bull	ND ندا call ندى echo
* a-GA-min, approaching	G جاء come
H ₂ * GA, go come	G حجا go حجا come
H ₂ GA-min, going, walking	G حجا go حجا walk
GA-ya, striding	G حجا walk
GU, proclaim, cause to sound	G عجم cry out
H ₂ G-u, going, coming	G حجا go حجا come
H ₃ GU, cow, ox, ray, earth	G عجم bellow (bull) nfv. G عجم blaze جمعاج earth (contracted to GU)
GHU, cry out, shriek	G عجم cry out
GO, ox, bull	G عجم bellow (bull) nfv.
H ₂ GI-ra, swift, urging	G وج swift هوجا swift be stirred
* GI-na, overcome	G حجا overcome
* GI, overcome (in law-suit)	G حجا overcome in dispute
* anIHI-ta, not desired	H هوی desire
* prati-GA-mana, coming back	GA come + prati back
H ₃ ANKA, bend, brand, side (n)	K عكاف bend K هنع brand حنو side
ANK-ana, branding (n)	K هنع to brand
ANK-ya, to be branded (n)	K هنع to brand
a-KHE-ya, to be told	K حكي to speak
pra-KYU-ta, fallen	K وقع to fall
* KU, earth, land, ground	K قاع soft land, even place
KU, cry	K قاه shriek
* KHA, cavity, air, sky	K خوی be empty transf. to air atmosphere)
H ₂ * KHA, hole, well	K خوا gap خاوية abyss
* KHA-GA, moving in air	K خوی be empty حجا walk
* KHA-GA-ma, bird	K خوی be empty=air, atmosphere حجا walk
KHA-ya, be mentioned	K حكي to speak, relate
KHA-ya-ti, celebrity	K حكي to relate
H ₂ KHA, cut off, flay	K عقي rend, split حك scrape
* sa-GA-na, surrounded w.	G حاق surround
* A-KU-ta, imperishable	K خوی be ruined + not
ni-KA-ta, being on side	K حنو side
H ₂ * nis-KAYA, ascertainment, actual state of case, resolve, decided opinion	K حق to ascertain, حق authentic, certitude وقع to sign a decree
* nis-KI-ta decidedly	K وقع to sign a decree

* KHA-DYO-ta, firefly nish-prati-GHA, unobstructed	K خوی be empty=(air) D ضو light G عائق impede عوق obstacle
* KHE-kara, moving in air ud-GHO-na, hvq. upturned nose	K خوی be empty KR=SR ثار be moved G قعی have the nose turned, UD, up
* UD, above UT, above, up	S lost UD=SD صعد ascend S lost UT سطح raise
* pra-KYU-ta, fallen un-UKKHI-na, unimpeded AK-ra banner N.V.	K وقع to fall K عائق to impede K غبی to set up a flag غایة flag
L ₂ pra-vi-LAYA, dissolution * DISSOLVE (LUO) Latin pra-LE-ya, hail, dew (pour down)	L حل dissolution L حل dissolution L هال pour down
H ₃ LI, LA-ya, adhere, lethargy, (dissolve, disappear) LA-yana, rest, repose LI, sway, rock, tremble LAH-ari, wave, billow vi-LAYA, dissolution	L لوی stick to لوح be exhausted حل dissolution L حل alight at (transf.) L لوح flash لوح to wave LH لوح to wave L حل dissolution
H ₄ LI, adherence, lethargy, sport, dissolution A-vi-LI-na, non-annihilation pra-LAY, dissolution A-LI-na, not adhering	L لوی stick to لوح be exhausted لهو play حل dissolve L حل dissolution L حل dissolution L لوی to stick to
L ₂ ALA-ta, firebrand ALA-O, kindled fire Hindi MEE, die, perish ni-MI-tta, aim, mark * MA-tri, mother, former of child * MA-ta, mother L ₂ MI-v, move MO-veo, move Latin * AMA-vat, impetuous A-MI-nat, not injuring AMI-va, disease, pain A-MU-ra, unerring	L ولع kindle fire L ولع kindle fire M حمة death M همة aim ام to direct to M ام become a mother M ام mother M عام to move M عام to move M همة zeal حمية enthusiasm M ام to wound (in brain) M هم waste (body-disease) M عماء error
H ₂ *A-MU-dha, not confused (MUHA)	MH عمم be confused

an-a-NA-ta, not bowed A-NA-la, stalkless AN-AS-ita, hungry AN-AS-in, not eating A-NA-ma, inflexible A-NA-mita-PUR-va, not bent before NAY-ana, leading=eye	N نجا to stoop N نای pipe (similic of stalk) N نهی not S هاس eat N نهی not S هاس eat N هنع to bend N هنع to bend VR ورا before N عین eye, leader cf. عن manage, guide
H ₃ NA-ya leader, prudence, policy * A-NA-ya, indiscretion NA-yin, beloved A-nir-NI-ta unadjusted NI-ti, policy H ₂ a-NAY-ana, bringing near, producing a-NE-tri, bringing near pari-NE-ya, led round (fire), married	N عین leader, chief نهی prudence N نعو design, intention N نهی prudence A, not N حن yearn N عین particularise N نعو design, intention N نعو near عنی produce (plants- ground N نعو near N عن guide PR قرح go round
H ₂ NE-tri, husband, lover Na-nu, not NU-ti, praise NU, now, present time H ₂ NU, shout, praise, exult * NU, remove, NU-ti, removal NI, conduct, guide, design NE-tvya, to be led NE-tri, he will lead NE-tra, guide L ₂ NAU-ka, skiff NA-O, boat NAU-yana, navigation NAVY (NA-v-is) ship cf. سح to swim A-NA-m-ra, unbending A-NI-ti, bad policy a-NI-ka not of low degree A-NI-ti-SAS-tra, not acquainted w. policy * apa-NA-ya, removal	N حن to love N نهی not ناه deny N نوه to praise N الان time, moment الان now N ناه shout نوه praise, extol N نای remove N عن manage, guide نعو design N عین leader vfn عن guide, manage N عن manage, guide عین leader N عن manage, guide N عان to flow N عان to flow N عان to flow N سابیحة ship, boat N هنع to bend N نعو design A, bad N هنع to be lowly N نعو design SAS ساس train N نای remove

* NU-vai, indeed	N ان indeed
* pra-NA-ti, ripening	N ينع ripen انى ripen
pari NA-ya, leading round	N عن leader فرغ go round
pari-NA-ma, decline	N هنع to bend, be lowly
H ₃ pra-NA-ya, leader,	N عين leader, chief
display, long for	عن appear حن long for
pra-NA-min, bowing before	N هنع to bend ورا before
H ₂ pra-NAY-in, longing, aiming	N حن long for نحو aim, intention
L ₃ NA-la, reed	N ناي pipe
غ IN-testine, alimentary	N ناي pipe
canal (IN) within	↑ عن confine i.e. be within
L ₂ NA-da, reed	N ناي pipe
NA-lika, tube	N ناي pipe
L ₂ NAI, reed ناي Pers.	N ناي pipe
* an-apa-NA-ya, non-removal	N ناي remove
NA-va-NI-ta, coming f. butter	N حان come N نثى grease cf. churn milk نجي
H ₂ NA-man, mark, token, name	N هنع to mark, brand + عين specify, appoint
a-NI-yata, unrestrained	N نهيية prohibition, limit
a-NI-yama, lack of limit	N نهيية extreme limit ناحية limit
غ NA-me, Eng. NA-m, pers.	N عين appoint (not connected w. appoint Know
* apa-NAYA, imprudence	N نهي prudence هب away
* apa-NAYA, taking away	N ناي remove + apa هب away
* apa-ni-NAYA, expel	N ناي remove, apa-away
* apa-ni-NI-SHU, expel + wish	N ناي remove شاء wish
H ₂ pra-NA-ya, vessel for fetching	N انا vessel ان to go
H ₂ NA-lika, allusion, hint,	N عني hint at
24 minutes	ان space of time, moment pfg.
L ₃ pra-N-in, breathing, living N/R	N=R اراح take breath ANI-mal, breathing
pra-NI-ISA, lord of life N/R	N=R روح life IS عز be master
* pra-NI-IS-nara, lord of life,	N=R روح life
husband	N/R IS عز be master NR=MR سرء man
pra-NI-ANGA, limb of animal	N=R روح life + AG=AZ عضو limb (n)
* vi-pari-NA-ma, ripening, change	N ينع ripen (hence change)

vi-NA-mana, bending down	N هنع bend
vi-NA-ta, bowed (NA-m)	N نحا هنع to lean, stoop
pi-a-NA-ma, bow	N نحا to lean, stoop حنا bend the back
L ₂ PU-nya, pure	P عفا be clear (water)
PU-re (PU) clear Eng.	P عفا be clear
an-ava-P-ya, not obtainable	P وافي obtain, (ادركه - اتاه)
an-ava-AP-ta, not obtained	P وافي obtain, come to
a-pra-P-ya, obtainable	P وافي obtain, encounter
a-pra-P-ta, not arrived yet	P وافي encounter, meet, come to
AP, gain, obtain, arrive, reach	P وافي encounter, meet, come to
pra-P-tvya, to be met w.	P وافي meet
pra-AP-ti, arrival	P وافي meet, come to
pra-IP-SA, wish to obtain	P وافي obtain شاء wish
sam-API-aka, completing	P وافي complete
sam-APA-na, completing	P وافي complete
a-sam-AP-ta, not obtained	P وافي obtain
prati-UPE-ya, be met w.	P وافي encounter, come to
sam-ni-PA-ta, encounter	P وافي encounter
L ₃ AP-ta, trustee, suitable	P وافي fulfil a promise وافي complete
PA-na, obtain, meet Hindi	P وافي come to, obtain, meet
YAF-tan, obtain, meet Pers.	P وافي come to, encounter Y pfx.
PU, wind	P هف whizz (wind)
H ₂ PA-vana, purifier, wind	P عفا be clear هف whizz (wind) nfv.
H ₂ PU-ti, purity, stink	P عفا be clear آف be corrupted
PA-vaka, (PU) clear, pure	P عفا be clear
PU, clarify, purify	P عفا be clear
PO-tri, purifier	P عفا be clear
PA-vna-AGHA-ta, gust of wind	P هف whizz AG=AZ هزة shake
PA-va-mana, wind	P هف whizz (wind)
PA-vi, tire of wheel	P عاف to circle
* UPA-SA-na, sitting round	P حف surround S اس to ground
L ₂ PIY, to hate Skt.	P عاف to hate
FOE, FI-end, hate Eng.	P عاف to hate
	ND sfx.
vi-APA-ka, widely diffused	P فاح spread, to diffuse-perfume
vi-AP-in, extending	P فاح spread
vi-APA-na, pervading, filling	P فاح spread وافي to complete
VYO-ma-vya-P-in, filling air	V هوا air P وافي to complete

sa-PHE-na, frothy	P عفوة froth
1. ARA-ti, enmity	R ير enmity
2. ARA-ti roar, noise	R عر cry, low
ARA-va, yell, cry	R عر cry
ARI-ta, afflicted	R عر to afflict
* IRA, wind	R ريح wind
L ₂ * AIR Eng.	R ريح air, wind
URU, broad	R واره broad
RA-tha, goer (RA)	R راح go راه go and come
H ₂ RA-ya, stream, current	R هر to flow روى to carry water
RU, roar	R عر cry, low
* RA-vi, sun, sun-god	R حر be hot (sun)
RA, bark	R هر howl, whine (dog)
RA, grant, bestow	R راح do good, receive favour
*RA-tri, bestower of rest, night (RAM)	R راحة rest, quiet, case tri sfx. ↑ رماً to stop (hence rest) wrong root
H ₂ ARAM, stop, rest m sfx. Pers.	RM رماً to stop (hence rest راحة root)
RA-vita (RU) cry	R عر to cry
H ₂ * RU, break, shatter	R هار fall to pieces هرى thrash
H ₂ * RI, release, be shattered	R حر set free هار fall to pieces
* RU-ra, hot	R حر be hot
* a-RA-ti, discomfort	R راحة rest, quiet, ease A, not
* ARA-ti, officiator, attendant	R رعى keep order, be mindful of
ARA-mati, piety, devotion	R ورع be pious, godly
AR-am, suitability	R حرى suitable
AR-atni, joint=elbow (AR)	R ارى fasten (cf. رتا join)
A-RA-van, not bestowing	R راح to do good readily
ARI, faithful, pious	R ورع be pious, godly
a-RI, not giving	R راح to do a benefit A, not
AR-im-DAM, foe-taming d/t	R ير enmity DM=DMG دمع subdue
AR-as, wounded	R وري to wound in lungs gfp.
a-RA-ti, disfavour A, not	R راح receive a favour f.
ARA-la, curly	R رحا to coil
H ₂ * AR-yo, pious, kind	R ورع be pious راح do benefit
AR-ya, man	R وري man
H ₂ RE-nu, whirling, be dispersed (RI)	R حار fluctuate رحا coil R هر fall off
H ₂ RE-tas, effusion, semen stream, libation (RI)	R هر to flow (seeds) R روى to carry water, be watered

RE-to-DH-as, impregnating	R هر flow (seeds) D دح fill
* sam-IRA, wind, stimulate	R ريح wind راح be brisk
* sam-IRA-LAKSH-man	R ريح wind
token of wind=dust	LKSH=NKSH نقش mark
H ₂ SO-ma (SU) squeeze, pour	S عص to squeeze سح to pour
an-AS-in, not eating	S هاس to eat
* an-AS-is, not desirable	S شاء desire
SU, press out	S عص to press
* AS-va, runner=horse	S سعى to run
H ₂ * an-ASU-ya, not complaining	S سوا to blame ساء to grieve
* ava-SH-ya, desire	SA شاء desire
* IKKH-ya, desire KH/S	S شاء desire
vi-KKH-aya, lacking lustre	KH=S شع rays of sun
H ₂ vi-KKH-aya, press, rub	KH=S عص press حس curry, rub
ASU-ya, quickly	S هسع be quick
ASU-SUSH-ka, quickly drying	S هسع be quick SS شس be dry
pra-ASU, very swift	S هسع be quick
* ISH-ya, to strive	S سعى endeavour
H ₂ * ISH-ta, sought, wished	S اسعى seek شاء wish
* ISH, move away	S ساح to move
ISH-ti, incitement	S صاع incite
ISH-ti, seeking	S اسعى seek
H ₂ SYA, be cold, frozen	S حىس coolness+S=JS حىس frozen water
SYA-na, become dry	S صوى to dry up
ESH, creep, glide	S ساح to flow
L ₂ * AIS-ya, dominion, power	S وسع extent, power, ability
* ى pro-VINCE, sphere of action	VC وسع extent (N)
	Eng.
nih-SE-sha, lacking remainder	S اسى to leave a th. to a.o.
nih-SE-shaya, destroy	S ساع to be lost+NIH completely
L ₂ * no-SH-tha, based on, situate	S اس basis
* SI-tu-ate, in position Eng.	S اس base+وضع put, place
pra-SA-va, pressing	S عص to press
UKKISH-ta (SI-sh) left over	S اسى to leave
* pra-ASU-ka, free from living creatures	VRA ورا beyond S عاش live
* vi-SA-sa, bringing slaughter	S حس to slaughter

* Su-na, butcher	S حس to slaughter
BUTCH-er, slaughterer Eng.	BK بعق to slaughter
H ₂ 1. SI-ta, keen edge, sharp (SA)	S صوع make sharp-pointed
H ₂ 2. SI-ta, black, white	S عسا be dark اعيس reddish white
SI-va, happy	S هش be happy
SISIRA (SYA) cold season	S وحصة cold, coolness SR عصر time
H ₂ SI, perish, fall out	S ساع be lost صاع scatter
SI-sh, leave	S اسي to leave
H ₂ SI-ta (SYA) cold, ice J lost	S جئس cold+S=JS جئس frozen water
H ₂ SYA, cold, freeze	S وحصة cold جئس frozen water J lost
ICE, frozen water (IS)	IS=JS جئس frozen water
SA, bestow, grant, present	S اوس bestow آس gift
SYA-va, dark, night	S عسا be dark (night)
SYE-ta, reddish white	S اعيس reddish white
SYA-ma, black	S عسا be dark
H ₂ SI-ti, black, white	S عسا be dark اعيس reddish white
H ₂ SI-ta, white, sharpness	S+اعيس صوع to make sharp-pointed
SA, let loose	S وثأ luxate
H ₃ SA, halt, tarry, abide, alight	S ثوى halt, settle, stay
unyoke, release, desist	S وعت shun, turn away hinder _r
* SI, bind, SI-ta, bound	S عصا to bind
SI, hurl, cast	S وأص to throw a.o. down
SI, draw a line, furrow	S صاح to split
L ₂ * an-ABHI-YASA, disuse	S حسي put to test
USE, put into operation Eng.	S حسي put to test
H ₂ ASU-ra, blood, tear	S شع be spilt (water-blood) سح flow tears
ASU, breath	B عاش live (hence breathe)
SI-man, line drawn, parting	S صاح to split
ASI, sword	S صوع make sharp-pointed cf. حس kill
ASI-PAT-tra, sword blade	S صوع+PT فطح be flat
BLADE, flat (BLATT) Eng.	BLT بلطح to flatten
H ₂ SU, press, extract	S عص to press اوشى extract
SU, son=urged	S حث urge (hence bring forth)
SU-t pressing	S عص press
H ₂ SU-ta, juice, urged, son	S عص press حث urge
H ₂ SU, urge instigate	S حث instigate, urge

SU, well, right	S صح be healthy, right
* SU, corpse	S سواة corpse
SU-GA, good path	S صح good G ججا walk
SU-GA-ma, easy to traverse	S صح good G ججا walk
SU-DHI, good understanding	S صح good دهاء sagacity
H ₄ SU, impel, bestow,	S حث آس incite bestow
vivify, produce, beget (i.e. urge)	S حث revive صحا urge
SU-vi-tta, hvg. abundant wealth	S وسع wealth V حوى have
SI-ta (SA) sow, scatter	S صاع scatter cf. ذرأ scatter, sow
SU-SHU-mat, very stimulating	S حث well S حث impel, urge, incite
* ISA, lord	S عز be powerful, master
SU-ri, inciter	S حث incite
* SI, bind	S عصا bind
SU-AGA-ta, welcome	S صح well G جاء come
SU-ANA-ma, easy to attract	S صح well N هنع to bend
* vi-SAYA, doubt (SI)	S عسي perhaps
* vi-sam-SAYA, no doubt	S عسي perhaps vi. negative
* prati-ASA, hope	S عسي hope
* prati-SA-nna, near	S عسي near
SA-DHA, in same manner	S سى equal D وضع manner
ISH-min, driving	S هاس collect and drive drive
H ₂ SU, corpse, burial (SVA)	S سواة corpse SV ثوى be buried
bhi-SH-ag, healer, physician	S اسا cure آس physician
bhi-SH-nagya, heal	S اسا to cure
1. SA-HA=SA-DHA, same manner	S سواء equal D وضع manner
2. SAHA, overcoming S/K	SH=KH كاح overcome
SAH-as mighty S/K	SAH=KAH كاح overpower
SA-HAS-a, laughing	HAS هاشا to joke
nih-SI-man, unlimited	S صوح bank
prati-SHAYA, every object of sense	S حس perceive
-SYA-ya, cold, catarrh	S وحصة cold
-AS-am, in all directions	S ساءو direction aimed at
H ₃ -SA-thi, immediate proximity	S وصى be contiguous
cheerfulness, good humour	S هش rejoice هاشا to joke
SI-ti-kri, sharpen	S صوع make sharp-pointed
SA-tas, equally	S سواء equal

SA-tra together	S شاع accompany
SA-TRA-sam, w. terror	S شاع with ترع fear
SA-ma-SR-eni, straight line	S سوى even, right SR سر line of hand
* SA-ma-AmSA, equal share (m)	S سواء equal AS حصة share
1.* SA-mana, same, equal	S سواء equal
2 * sam-ANA, air (AN) N/R	AN=AR اراح take breath ریح air
SA-ta, sharp (SA)	S ذرع make sharp-pointed
SU-mana, blossom	S وشع blossom
H ₆ * pra-SA-va, pressing of soma,	S عص press
motion, course, flower	S ساح move, flow
command, vivifier,	وصية وصحا command vivify
flower, blossom	اوشى blossom وشع
offspring, progeny	-shoot forth plants, وشى increase
	tribe
H ₃ * pra-SI-ta, devoted to,	S صاع separate (hence devote)
onward rush, sphere	سعى to run وسع extent
power, dominion	وسع power, ability, extent
SA-na, old	S عسا to be old
H ₂ SU-na, sprout, blossom	S اوشى shoot forth plants وشع blossom
	blossom
SO-ma (SU) extracted juice	S عص to press
adhi-SHA-vana, pressing	S عص to press
H ₂ * a-SA-t, non-existent, untrue	S عاش live صح be true A, not
L ₂ * a-SA-mana, uneven	EV-en S سوى even EV=SV سوى even
	S lost
a-SA-ma, unequalled	S سواء equal
* CHA-h, be wicked	CH=S ساء be wicked
SI-man, boundary	S صوح bank, man sfx.
SA-ta, bristle, mane	S شوع have bristled hair
SA-ta-la, having mane	S شوع have bristled hair
SA-nata, from of old	S عسا to be old (not سنه)
SA-naya, old	S عسا to be old
SA-na-SURU-ta, old-famed	S عسا old+SR شهرة fame
* SA-mi karana, levelling	S سوى to level
* SA-miya, be treated as equal	S سواء equal سوى be equivalent to
* SA-mana, equal	S سواء equal
* SA-ma, equality	S سواء equal
SA-yaka, hurl, throw (SI)	S وأص to throw a.o. down
* SA-yantana, belong to evening	S عشية evening

su-sam-SI-ta, very sharp	S صوع make sharp-pointed
su-SI-ta, quite cool	S وحصة cold
SE-na, missile, dart (SI)	S وأص to throw
SE-tu, binding	S عصا to bind
SAU-mana, blossom	S وشع blossom
* TI-tam-SU, wishing to stretch	T شاء stretch طجا wish
TO-ya, water, flower	T تاع flow (water)
TO-ya-AG-ni, submarine fire	T تاع flow AG احة fire
nis-TU-sha, unhusked	T حت to bark (a tree)
H ₅ VI, approach eagerly, fall,	V هوى advance quickly, be hurled
attack	down, dart on prey
VI, set in motion, arouse	V هوى blow, go up, rise
VI, flutter, feel trepidation	V=F هفا flutter, palpitate
V-i, eager	V هوى desire
VI, cover with	V=F=KF خفى cover, K lost
H ₄ AT, go, run, AT, wander, walk	T=طاء go حتا run طاح wander
	خطا walk
H ₂ R, go, tend	R عرا to repair to رعى to tend
ADH-ya, wealthy	D ودع be wealthy
JU, to speed, make haste	J هاج rush forth
H ₂ CAY, be afraid, perceive	B شاح حس perceive
CYU, stir, move	S حث incite, urge
SI, entwine	S حاس to twist
SI, tie, bind	S عصا to bind
SO, to whet	S صوع make sharp-pointed
SI, give	S أس bestow
S-U, swift	S هسع be quick
SU, press	S عس press
TAY, expand	T طجا spread
SV-AS-ti, (SU) well (AS) exist	S صح be healthy AS عاش live
SY-am, cry, sound	S صاح to cry, call
VI, to string	V عوى to twist
PYAY, swell, overflow	B ععب swell and rise (sea)
UR, man	R ورى man
UR-P-ana, drink for men	R ورى man B ععب drink
H ₂ JU, drive, press forward	J=Z هزا drive J حجا propel
* JI-hma, oblique	J عوج be crooked
H ₂ * ARI, enemy, king, ruler	R ير enmity رعى to rule (subject-chief)

ISI-ka, reed, arrow	S ثأى to bore, perforate	nfv.
V-i bird	V=F هفا flutter and fly	
VE-ni, braid of hair	V=F عفا be tufty (hair)	
VE-nu, flute, pipe	V=F فأو cleft, chink فوه hole	
H ₃ * VI-ak, comprehend, contain,	V وعى understand وعى store up	
roll up	وعى twist	
V-at, understand, awaken	V وعى understand, awake from sleep	
L ₂ V-at, possessing, having	V حوى possess cf. have=possess	
pra-V-at, slope of mountain	V عوى to bend PR فارغ lofty	mountain
VI, embrace, twine	V عوى to twist	nfv.
pra-VE-ni, braid of hair	V=F عفا be tufty (hair)	
VYO-ma-GA, sky going	V هوا atmosphere, empty space	G حج go
OI-n-os, vine	Greek OI عوى to twist see VI	
VINE, WINE (WEI) wind,	WEI عوى to twist (refers to	twist
	twist	creeper)

CYPER FORMULA

The word contains vowels only. Reconstruct the Arabic root by following its sound. It will be found to contain 3 delicate letters.

(ع - ا - ح - و - ي)

* AYU, life	حي life حى live
H ₃ * AY-U, living being, man	حي live
light, water	ايا sunlight احياء rain
* YU, prepare, arrange	هيا prepare, arrange

TRILITERAL METATHESIS

“Transpose the consonants and apply Triliteral Formula. “Any sound can be dropped. In some cases order of sound is inverted and he (author) thinks the order of any sounds may be inverted” (Nirukta by Skold P. 18.) Some words under the Biliteral Metathesis had to be given here.

A-DUSH-ta, blameless	DS=SD سد vice, defect
LABH, obtain	LB=BL بل obtain
* BAL, playful, child	BL=LB لعب to sport

MULA (MURA) root	MRA=ARM ارومة root
*a -LABH-a, non-obtainment	LB=BL بل obtain
ava-TAMAS-ya, make into	TMS=SMT سمت string of necklace
wreathe	
ava-DHAVAMSA, flour,	DMS=SMD سميد white flour
dust (v)	
a-RASA, cry	RS=SR صر to cry
* upa-DRASH-ti, spectator	DRS=RSD رصد to watch
DOSHA defect, guilt	DS=SD سد defect. vice
* DARS, see, observe stars	DRS=RSD رصد watch, observe stars
DOSH-as, darkneess	DS=SD سد blackness سد blackness
DHAN, run etym. dub.	DN=ND ند run
MRIT, fall to pieces, crumble	MRT=RTM رتم to break, crush
LABHA, obtain, meet	LB=BL بل obtain (hence meet)
* MANJARI, pearl	MNJAR=MRJAN مرجان PEARL
MOTI, pearl	MT=TM تومة pearl
TAMIS-ra, dark	TMS=TSM طسم darkness
* VAS-tu, dwelling place	VS=SV ثوى to settle in a place
* BAS-as, night quarters B/V	VS=SV ثوى to halt, settle
* para-SMAR-tavya, to be	SMR=RSM رسم to sketch, record,
forgotten	leave traces
(SMAR) remember	(memory is a record) ترسم recollect
BURUDA, maker of basket	BRD=BDR بدارة basket nom. A
ADAMBAR-A drum (m)	ADBR=ADRB ادرب to beat drum
* upa-MARDA, destruction	MRD+DMR دمر destroy
upa-VES-ana, sitting down	BS=SB ثب to sit down
upa-VES-ya made to sit	BS=SB ثب sit down
LAMBHA, obtainment (m)	LB=BL بل obtain
DURGA, fortress	nfv. DRG=GDR دجر inclose in a wall
cf. حصر surround w.a wall حصر fortress حصر surround حصار fortress	
L ₂ PRESH-ana, sending	PRS=SPR سفر to send on journey
PRAISHA, summons	PRS=SPR سفر send (i.e. send for)
FRIS-tadan send	Pers. FRS=SFR سفر send فرشته messenger, sent
* sa-DOSA, with night,	DS=SD سد screen, blackness
having blemishes or faults	سد vice, defect SA شاع with
L ₄ SPHAL, slippery, lubricate	SPL=SLP سلف to oil, ro grease Skt.
SLIP, lubricate	Eng. SLP= سلف to oil, grease
PHISAL-na to slip	Hindi PSL=SLP سلف to oil, to grease

LUB-ri-cate (SLIUP)	Latin	SLP	سلف to oil (s lost)
L ₂ * SMAR, record, remember	RSM	ترسم record, impress	ترسم
			recollect
* MEMORY, mental impression	SMR=RSM	رسم impress, leave	
	(SMAR)		traces
(MER=SMAR) rememember	Eng.	رسم record, trace	ترسم recollect
NAD, hum	DN=DN	دن to buzz	
DRH, be firm	DRH=RDH	رده to steady	روح
			steadfast
TALPA, bed (i.e. flat)	TLP=PLT	فلطح to flatten	
PRAGE, morning	PRG=PGR	فجر daybreak, dawn	
* BIS-tar, bed	Hindi	BS	بث spread, tar sfx.
And generally guttarals cause metathesis (ك - ق - غ - خ)			
* DAKSHI-na, right	DKS=SDK	صدق right, truth	
H ₂ * DAKSHA right, dexterous	DKS=SDK	سدك dexterous	صدق right
H ₂ * DEX-terity rt, handedness	DK=SDK	صدق right سدك dexterous	
DAKSH, be able, skilful	SDK	سدك dexterous	صدق perfect
* DAKSHI-na, right, southern	SDK	صدق right	
H ₂ * DAKSHI-na-vat, able,	SDK	صدق perfect	
abounding in gifts	SKD	شكد gift	
* DAKSHI-na-SIR-as	SDK	صدق right (i.e. south)	
w. head southwards	SR=RS	رأس head	
N.B. When you stand facing the sun south is on the right.			
* DECC-an, south, s lost	DK=SDK	صدق right (south)	
L ₂ * SOUTH, opposite to North	Eng.	SD	سد right (hence south)
DA-yan, right S lost	D=SD	سد right (Hindi)	
DAKSH-na, gift	DKS=SKD	شكد gift	
* DAKSH-ni-KRI, walk+right	DKS=SDK	صدق right+KR=SR	سار walk
* DIKSH, consecrate, devote	SDK	صدقة alms	
H ₂ * DAKSH-inya, suitable	SDK	صدقة alms i.e. sacrifice	
for sacrificial gift	SKD	شكد gift	
* pra-DAKSHI-na, walk	PR	فرع go round	
round f. left to right	SDK	صدق right	
* pra-DAKSHI-na-ARK-is,	SDK	صدق right	
having its flame on the right	RK	راق shine	
PAKSHA, half, side	PKS=SPK	صفق side (hence half)	

cf. شطر side, half	شق side, half.	ARDHA (عرض) side, half		
		شط side, half		
فلاة splinter, half	HALF=SLF	سالفة side (hence half)		
PRA-ti-PAKSHA, opposite side	VRA	ورا in front		
	PKS=SPK	صفق side		
KALPA, able to, possible,	KBL	قبل power, قبل accept, receive		
L ₂ * A-NIKE-ta, houseless	NK=KN	كن house		
* KKHANA, house	Pers.	KN	كن house	
* A-NIKA-ya, storeless	NK=KN	كن place of concealment		
AKSHA, die for coining	KS=SK	سكة die for coining		
* KAPAL-ya, mobility	KBL=KLB	تلب to change		
an-ava-KLIP-ta impossibility	KLB=KBL	قبل accept, receive		
		+not		
* na-ava-KLIP-ta, unsuitable	KLB=KBL	قابل correspond to		
* a-KESH-tra, untitled	KSH=SHK	شق to till earth		
soil	TR=KTR	قطر zone (k lost)		
KHSHIV, spit	KSB=BSK	بسق to spit		
L ₂ ati-DURG-ana, great scoundrel	DRG=GDR	غدر treachery+عنا		
		exceed		
ن SCOUNDR-el, rogue (N)	Eng.(S)	CDR	غدر treachery, perfidy	
* PANKI, five	(N)	KF=KP	كف hand (=5 fingers)	
H ₂ AKRIDA, garden, playground	KRD=DKR	دقر garden	دوقرة plain	
sa-PAKSHA, having same side	S	سواء equal	SPK	صفق side
PAKSH, side, wing	SPK	صفق side	صفق clap (wings)	
PAKSH-ya, siding w.	SPK	صفق side		
PAKSH-eyelash, side	nfv.	SPK	صفق side, to clap (wings),	
			(vibrate)	
* PAKSH-TVA, condition of bird	SPK	صفق clap wings	TB	طبع nature
PAKSHA-DVARA, side-	SPK	صفق side	DR	دار house
door (v)				ترعة
PAKSHA-PATA, side+	SPK	صفق side		
flight=partiality	PT	هفت to fly		
PAKSHA, fortnight, side, half	SPK	صفق side (i.e. half of a month)		
A-GA-ta-PAKSHA, unfledged	SPK	صفق wing, side+ following		
AGA-ta, not born (GEN)	GM=ZN	فنى beget A, not		
* PAKSHO-LOPO, loss of wings	SPK	صفق to clap wings		
(s lost)			LB=SLB	سلب deprive
PAKSH-in, wing	SPK	صفق clap wings	nfv.	side
* WING, side (n) Eng.	WG	وجه side		

PAKsh-man, eyelash	SPK صفق clap, vibrate nfv.
PAKSHA-V-at, winged	SPK صفق side V حوى possess
PAKSHA-tve, being a component part of	SPK صفق side, to be compact (cloth)
KAPOTA-ka, dove nv.	KPT=PKT فاختة dove فخت coo
H ₂ KARD-ana, dregs, mud	KRD=KDR غدرة remainder كدرة slime
gدر is mud which is left in the الغدر - الوحل الذى بقى فى النهر اذ ينضب فيه الماء river when the water has been lost in earth.	
L ₃ DREG, remnant, refuse Eng.	DRG=GDR غدرة remainder
DUR-d, dregs, remnant Pers.	DR=KDR غدرة remainder, k lost
* KRIMI-ra, variegated	KRM=RKM رقم variegated
H ₂ KUTSA, abuse, revile, blame,	SKT اسقط abuse سخط curse
* KARP-anya, poverty	KRP=PKR فقر poverty
KEVALA, alone	KVL=KLV خلو alone
* KEVAL-AGHA, alone guilty	prec.+AG عق disobey
KAIVAL-ya, oneness	KLV خلو alone (not EK-la)
KLID, moisten, be wet	KLD=DLK دلق pour (liquid)
* KLIBA, impotent, cowardly	KLB=LKB لخب be weary, weak
L ₃ * KRUS, cry, lament	KRS=SRK صرخ cry for help
* SHRIEK, cry Eng.	SRK صرخ cry صراخة cry, shriek
* KROS-tr, yellor=jackal	KRS=SRK صرخ to cry
KSHUBH, tumult, commotion	KSHB=SHKB شغب tumult, stir
L ₂ KULUMP, suck up (P)	KLM=MLK ملق to suck (milk)
MILK, to stroke Eng.	MLK ملق to suck, to stroke
GAMBALA, mud, bog (m)	GBL=GLB خلب mire
* TURK, suppose, conjecture T/DDRK=KDR	قدر suppose, conjecture
* TARK-A, supposition	DRK=KDR قدر suppose (not ادرك)
GURV, scorch, burn	GRV=VGR اوغر scald اوغر be hot
L ₂ * RAKSHI-dan, shine Pers.	RKSH=SHRK شرق shine
* GHRASA, sunlight, sun, heat	SRG شرق to shine (sun), شرق sun Skt.
L ₂ ut-KRUSH-ka, loud noise	UT=ST سطع raise RKSH رغش to noise
KHAROSH, noise Pers.	KRSH=RKSH رغش to noise cf. رخشة bustle
* A-KAPAL-ya, steadiness	A, not KLB قلوب unsteady
* PANK-ta, consisting of 5 (n)	PK=KP كف hand (=5 fingers)
* PANKA-GAN-ya, of 5 races	GN=ZN ضنو race +prec.

* PANK-TAV-ya worthy of society (n)	PK=KP كف hand (hence 5, applied to 5 or more persons) طب fit.
H ₄ PRIK, mix, in abundance, fill, put in connection w.	RBK ربك mix ربق be abundant ربق fill ربق to tie
KSHOBA, disturbance	KSHB=SHKB شغب tumult, stir صخب uproar
L ₂ BHANG, hemp	BNG=GNB قنب hemp
HEMP (KANNAB) Eng.	KNB قنب hemp
* SKAM, quell fury	SKM=KSM كظم repress (anger)
sa-GAVARA, heat	GVR=VGR وعر be hot
* prata-KALPA, almost morning	PRA=VRA ورا near KLP=PLK فلق dawn
H ₂ * SKU, pick, collect, cover	KS قش pick, collect غشى cover
* KLIPA, conform, agree w. MANK, to adorn	KLB=KBL قابل correspond to MNK=NMK نمق to adorn
prati-MUKULA, every bud	MKL=KML قمعولة bud nv.
* pra-ut-KRUSH-ta, loud noise	UT=ST سطع raise KRSH=RKSH رغش to noise
KLAD, confuse	KLD=DKL دغل confusedness
abhi-KROS-KA, village crier	KRS=SRK صرخ to cry
SA-DAKSH-na, accompanied w. gifts	SA شاع accompany DKSH=SHKD شكك gift
H ₂ * KRIN, to support, to sound	KRN=RKN ركن support نقر cry
H ₂ KHID, strike, afflict	KD=DK دق strike دك be ill
KHSHUR, scratch	KSHR=KRSH خرش to scratch
DAKSHI-na-PAS-ka-ARDHA south-west side	SDK صدق right, hence south PS=SP ثنا behind i.e. west عرض side
DAKSHI-na-PUR-va south eastern	SDK صدق right=south PR=VR ورا before=east
N.B. When you stand facing the sun, south is on the right, west is behind and east is before you.	
H ₂ TAK-sh, pare, cut	TK=KT قط pare قطع cut (not تك cut)
H ₂ TAKH-sh, pare, conceal	TK=KT قط pare غطا conceal
KACH, bind	KAS=SAK شاق to tie
BHOGA-V-at, hvg. coils=snake	BG=GB قبا bend fold V حوى have
A-pra-TRAK-ya, inconceivable	TRK=KTR خطر to occur to mind (thought)
H ₂ pari-LAGHA, extremely	VR ورا far

small, light	LG=GL قل be small قلو light
KIL, become white	KL=LK لهق be white
SA-KUNT la, lost ring (N)	SA اساع lose KT=TK طوق ring
1.* KRUS, cry out	KRS=SRK صرخ to shriek
2.* KRUS, cause to shine	KRS=SRK شرف shine (sun)
L ₂ SAC, follow SEQUI, follow	SK=KS قص follow LATIN+Skt.
PRC, approach	PRK=KRP تارف to draw near
PHAN, jump, z lost	PN=NP=NPZ نفز jump (apocope)
L ₂ VALKA, bark of tree	FLK=KLF قلفة tree-bark
BAKKAL, tree-bark Hindi	FKL=KLF قلفة tree-bark
L ₂ SRIK, corner	SRK=KSR كسر skirt, side
SKIR-t Eng.	SKR=KSR كسر skirt, side
A-KLED-ya, not to be moistened	KLD=DLK دلق to pour (liquid)
* ATI-KITR-am, many ways	KTR=TRK طريق way+AT عتا exceed
* IDRİK-ta, quality	DRK=KDR قدر intrinsic value
* DAKSHI-nena, to right or south	DKS=SDK صدق right (hencesouth)
* DECC-an, south	DK=SDK صدق right (hence south) S lost
H ₂ sam-PARKA, mixture, union w., sexual intercourse	BRK=RBK ربك mix ربق to tie
PRIK-ta-tva, union	BRK=RBK ربق to tie
L ₂ ADHI-KSHEPA, DERISION	KSP=KPS خفس deride, scoff
SCOFF, deride Eng.	SKF=KFS خفس scoff, deride

N.B. خفس cannot change. It has become SCOFF in English and KSHEP in Sanskrit. This proves the Quranic verse: 'the diversity of your tongues and colours' واختلاف اللسان والوانكم. So an Arabic word may be spoken or spelt in diverse ways in other languages.

But if you transpose the letters of خفس you get quite different roots, viz. (خسف to humble and VEX) (سحف to act foolishly w.) (فسخ to corrupt, annual, disjoin). Of course خفس سفح خفس have affinity, because an ideal language will convey similar senses with similar means, as observed by Jespersen (Jespersen on Language P, 422). In the Arabic lexicon the reader will find numerous families of words which fulfil the criterion rightly laid down by Jespersen.

BILITERAL METATHESIS

Transpose the 2 consonants and restore one of the delicate letters viz. (ع - ا - ه - ح - و - ي) Generally gutturals cause metathesis.

* KANTHA, neck	(n) KT=TK طوق neck
aKARU-ra pitiless	KR=RK رقة mercy A, not
KARU-ra, pitiable	KR=RK رقة mercy
a-KAL-i, not quarrelling	KL=LK لاقع to quarrel
a-pari-SANKI-ta, unanticipated a, not ورا before KS قاس guess (N)	
RAK-sha, protection	RK=KR قرح ب regard
anu-RAK-ta, fond, attached	RK=KR غرى desire, adhere
a-RIK-ta, not empty	RK=KR قرح be empty
BHOGA, bend	BG=GB قبا to bend
a-BHOGA, slightly curved	BG=GB قبا to bend A, slightly
KAL-i, black goddess	KL=LK حلك be black
KALI-das, servant of kali	prec.+DS عدس serve
L ₃ KALI-kri, blacken كالا BLACK	KL=LK حلك be black
	B-LK حلك black
KALI-ka, liver, dark	KL=LK حلك be black
H ₂ BHUG, bend, curve, furrow	BG=GB قبا bend, fold قبا dig
BHUGA-GA, moving in curve=snake	prec.+GA ججا walk
BHUG, arm, curve, branch	BG=GB قبا bend, fold=arm, branch
BHUGI, embrace	BG=GB قبا to fold
H ₂ KALA, blackness, seasonableness	KL=LK حلك be black لاق suit, befit
KUND=KUD, encircle (N)	KD=DK حدق surround
L ₂ KUD-ya, wall (KANDH) Punjabi	KD=DK حدق surround حديقة walled garden
KUND-ala, ring (N) surround	KD=DK حدق surround
KAUTU-ka, eagerness	KT=TK تاق desire earnestly
KNUY, drench, moisten	KN=NK نقع macerate
* TIK, trip along TIK, TEK, go	TK=KT خطا to walk
* TIKa, commentary	TK=KT خط write
* TANK-ya, cover up (n)	TK=KT غطا cover
TANK-a, chisel (n)	TK=KT قط pare off
RAK-sh, take care, guard	RK=KR قرح care for, regard
RAG-in, red, full of desire	RG=GR غرى red, desire earnestly

L ₂ RAGA-ti, desire for, EAGER	RG=GR غرى desire earnestly
	GR غرى desire
RAGA, red, vehement desire	RG=GR غرى red dye, desire earnestly
REK-u, empty	RK=KR قرع be empty
* LAGHU-kri, lessen	LG=GL قل be small قلل lessen
LAGHU-AS-in, little+eat	prec. AS هاس eat
RIG-ra, reddish	RG=GR غرى red dye
KALA-BHASH-in, speaking softly	KL=LK لاق soften BS بث to divilge
H ₂ LAGH-ya, lessen, lighten	LG=GL قل be small قلو light
LAGHA-va, swiftness, lightness	LG=GL قلو swift, light
LOGA, clod of earth	LG=GL قلاعة clod of earth
LOK, reflect	LK=KL خال think
H ₂ SUK-ti, shell, twist of hair	KS كشك shell عنص twist (hair)
su-RUK-ta, well guarded	S صح well KR قرحب regard
KAL, throw	KL=LK لقع throw
TANK, bind (N)	TK=KT ققط to bind
KHAB, go	KB=BK بقع to go cf. خب amble (horse)
RAK-ti-mat, lovely	RK=KR غراء beauty
H ₂ RAK-ta, red, charming	RK=KR غرى red, AK رقية charm
L ₂ * MEGH, cloud (MEH) discharge water	MG=GM غيم cloud (H=lost gh)
* MEGH, cloud Pers,	MG=GM غيم cloud
1. AKSHA, die for playing	KS=SK سكة die for coining (transf.)
2. AKSHA, axle	KS كابس to coil
3. AKSH-ya, eye	KSH قشع to see
PAmSU-GUNTHI-ta, covered w. sand	PS=SP سائفة sand GT غطا cover (N) (m)
MEKHA-la, girdle	MK=KM عكم bind (goods) on camel, to wrap
SIKA-anda, tuft of hair	SK=KS كشة lock of hair cf. قصة - عنقصة
SIKHA-ndin, tufted, peacock	SK=KS كشة lock of hair
H ₂ SIKH-in, crested, wearing a tuft, TUF-t	SK شيق top SK=KS كشة lock of hair TF طهافة lock of hair
VAK, roll	BK=KB قبا to fold
VAK-ra, bent	BK=KB قبا to bend

VANKU, swerving	(VAK)	BK=KB قبا to bend
VANK-ri, rib	(N)	BK=KB قبا to bend
H ₂ VAK-va, rolling, rushing		BK=KB قبا to fold قاب run
TUKKHA, empty, void		TK=KT قطع be exhausted
EMPTY	(P)	EMT است emptiness
VOID, empty	Eng.	VD=FD فضي be empty Void
TANK, contract (N) (TANCH)		TK=KT كتح be contracted CH/K
H ₂ A-LAGHU, slow, not small		GL قلو swift قل be small
	A, not	
H ₂ UT-KANTHA, with (N)		UT=ST سطح raise سطح spread
neck outstretched, longing		KT=TK طوق neck تاق long for
SANKHI-ka, shell blower (n)		SK=KS كشك shell
a-MOK-ana, binding on		A, on MK=KM عكم bind
H ₃ LAKH, be dry, adorn suffice		LK=KL قحل dry up خال shine غلا exceed
SIK-drip sprinkle		SK=KS خاش sprinkle
SIK-ara, thin rain		SK=KS خش fine rain
L ₃ KALA-AYSA, iron	Skt.	LK حلك black AS عص be hard
IRON (IS-on) hardness	Eng.	IS عص be hard بأس شديد قتع الحديد فيه بأس شديد
AH-an, iron	Pers. H/S	AH=AS عص be hard
H ₂ * VASA-VES-man, bed		VS=BS بث spread i.e. bed
	chamber	VS=SV ثاوة chamber
* BIS-tar, bed	Hindi, Pers.	BS بث spread tr. sfx.
* LAM (RAM) enjoy sexually		RM=MR سرح be cheerful
TAN, stretch		TN=NT نطا stretch
* ATI-DASH-kara, exceedingly difficult		AT عتا exceed DSH=SHD شدة hardship
DHAV-la, white		DV=VD وضح whiteness
RUSH, anger		RSH=SHR شرة anger
A-DHAIR-ya, instability		DR=RD رده be steady+A not
A-DHRI-ti, unsteadiness		DR=RD رده be steady+A not
apa-RUSH, free f. anger		RSH=SHR شرة anger AB هب away
* VASA-ti, dwelling		VS=SV ثوى settle in a place
* adhi-VASA, abode		VS=SV ثاوة abode, dwelling
MULA (MURA) root		MR=RM ارومة root
* a-RAM-anya, enjoyment		RM=MR سرح be cheerful
H ₂ ba-BHRI, being carried, nourish		BR=RB ربأ remove ربى to foster a child
L ₂ RABU-dan, take away	Pers.	RB ربأ take away

L ₂ A-RAMA, pleasure A, euphonic	RM=MR مروح be cheerful
MERR-y, joyous Eng.	MR مروح cheerful
* a-BAL-ya, boyhood, playing	BL=LB لعب to sport, play
H ₂ IRAS-ya, anger, envy	RS=SR شريرة anger, greed ثائر anger
IRAS-ya, ill-will	RS=SR شر malevolence
ud-MULA, be uprooted (MURA)	MR=RM ارومة root (UD=SD صعد up)
A-VES-ta, strangulation	BS=SB سَاب to strangle a.o. to death
* TUS, to sound	TS=ST صات emit a sound
* RIG, acquire, procure	RG=GR جرح earn, profit
L ₂ * ARJ-an, carner	RJ=JR جرح earn
* EAR-n, obtain Eng.	ER=JR جرح earn J=E
L ₂ * an-PHARI-ka, offering	PR=RP رفع الى present to, bring near
* OFFER, present to Eng.	FR=RF رفع الى present to, bring near
* A-RAM-ya, unpleasant	RM=MR مروح be cheerful A, not
H ₂ DAMA-ra, astounding, knight	DM=MD عمد be astonished عمدة chief
* RASA, essence	RS=SR عصير juice
1. TAN, stretch	TN=NT نظا stretch
2. TAN, resound	TN طن to tinkle
TAN-ti, cord	TN=NT نظا to tie نظا stretch, weave
TAN-tra, warp	TN=NT نظا stretch, weave
TAN-tri, string	TN=NT نظا to tie, stretch
TAN-travya, weaver	TN=NT نظا to weave
L ₃ DRI, split, rend	DR=RD هرد tear, rend
DARI-dan, to tear Pers.	DR=RD هرد to tear
DAR-u, splitting=log, wood	DR=RD هرد tear, rend
REND, tear (n) Eng.	RD هرد to rend, tear
L ₂ H ₂ DARA, hole, rent	DR=RD حرد to pierce هرد to tear
RIDD-le, fill w. holes Eng.	RD حرد to pierce عرد pierce
H ₂ * DAS, bear ill-will, persecute	SD جسد grudge شاد persecute
DASA, skirt, border	DS=SD شدا extremity
DREE, be fixed, firm	DR=RD رده be steady
DANU, dew, drop	DN=ND ندى dew
DADRU (DRU) crack	DR=RD هرد to tear
DUSH-i, destroying	DSH=SHD اشاد ruin
H ₂ DUSHA, corrupt, defile, destroy	DS=SD صدى be rusty اشاد ruin

H ₂ DESA, region, border, point	DS=SD شدا extremity
AVESH-ta, strangulated V/B	BS=SB سَاب strangle
DES-ya, verging on	DS=SD شدا extremity
DES-in, indicating	DS=SD صدح sign cf. صدح be manifest
H ₂ DHAV-la, dazzling white	DV=VD وضح bright وضوح whiteness
* NAG, serpent	NG=GN جان serpent
DIS, to point	DS=SD صدح sign, mark
* NAGA-RAG, serpent-king	NG=GN جان serpent RG عرج ascend (rule)
* NAGA-adhi-RAJ, king of serpents	GN جان serpent RJ عرج ascend (hence rule)
PALI-ta, grey, hoary	PL=LP لقع cover head (hoariness)
up-DIS-ya, pointing to	DS=SD صدح sign, way-mark
PAS-ka, hinder, later	PS=SP ثنا to follow
L ₄ PAS-kat- TAPA, repentance	PS=SP ثنا follow TB تعب toil تاب repent
PAS, behind Pers.	PS=SP ثنا follow
POS-t, behind Eng.	PS=SP ثنا follow
PICHH-ay, behind Hindi	PS=SP ثنا follow
H ₂ PAMSU, sand (m), dust	PS=SP سائفة sand سفا dust
POTA-PLA-va, boatman	PT=TP طوف boat PL حفل flow
H ₄ pra-DOSHA 1. disturbed state	DSH=SD شده confound, perplex
2. tumult+insurrection	صد to shout, cry+أصد to stand against
3. evening, darkness, nightfall	سد blackness
4. bad, wicked, sinful	سد vice, defect
DOSH-an, forearm	DS=SD ساعد forearm
L ₂ LAD, fondle, caress لا	LD=DL دلع to cocker, pet (a child)
* LAD, move about	LD=DL دال revolve, change
pra-DOSHA, evening	DS=SD سد blackness
* BALA, child, fool	BL=LB لعب to sport لعبة fool
BALA, hair of tail	BL=LB هلب hair of tail
H ₇ * BHRI, possess, have, carry, convey, gain	BR=RB رب possess ربأ take away ربح gain
maintain, nourish, fill	ربي bring up a child BR=SBR صبر fill
experience, load	BR بار know by experience بهر overload

LAS, jump		LS=SL حال jump
LASI-ka, dancing		LS=SL حال jump
Lip-sa, wish to obtain (LABH)		LB=BL بل obtain S شاء wish
* MATH, cell of ascetic	th/s	MS=SM صومع monk's cell
* MATHI-ka, hut, cell	th/s	MS=SM صومع monk's cell
H ₂ * MIL join, unite, meet		ML=LM لأم SOLD-er, close up لما meeting
MIL-ana, contact		ML=LM لأم solder, bind
H ₂ MULA, (MURA) (root, origin, be fixed, rigid), tooth		MR=RM ارومة root, origin, (hence fixed, rigid) ارم tooth
BHARA-ta, to be maintained		BR=RB زبى to bring up a child
L ₂ * BHARA-HUTI, battle cry		BR=RB حرب battle HT هاط cry out
HOOT, utter cry	Eng.	HT هاط cry out
* BHAR, husband		BR=RB رب master, lord
BHAR-ya, wife		BR=RB ربي preserve ربا take care ربة lady
H ₂ * BHARA-tri, preserver, lord		BR=RB ربي preserve رب lord
MUR, become rigid, solid		MR=RM ارومة root (transf.) rooted=firm, solid
* SOL-id, rigid	Eng.	SL اصل be rooted اصيل solid
MURA, root		MR=RM ارومة root
* NEEL, to colour		NL=LN لون to colour
MUT, break, pound		MT=TM حطم break
MULI-ka, original (MURA)		RM ارومة origin, root
MUR-ti, solid body, image		RM ارومة root (hence fixed, solid)
L ₂ * LAT, be long		TL=LT طال be long cog. w. TALL
TAP-istha, most hot		TB=BT ابت be hot ISHTA, spltv.
MELA, join		LM لأم bind, solder
MATHU-na, paired		TM تميم twin, fellow of a pair
MAITH-nun, having sexual intercourse		TM تميم pair, verb formed on noun
L ₃ MESH, sheep	Skt.	MSH=SHM هشمة goat
CHAMO-is, goat	Eng.	CHM=SM هشمة goat
MESH, sheep	Pers.	MSH=SHM هشمة goat
N.B. Goat is genus which includes — sheep, ram, lamb, kid		
H ₂ RAM, delighting, stop		MR=RM سرح cheer رماً stop in a place
* VAR-MUK, rain and cloud		VR=RV وره heavy w. rain (cloud) KM غيم cloud

H ₂ RIJ, go, acquire		RJ=JR جرى go جرح earn
* RAM-a, delighting		RM=MR سرح be cheerful
RAS, cry, yell		RS=SR صر cry out
RASA-na, yelling		RS=SR صر cry out
H ₂ RASI-ta, cry, juicy		RS=SR صر cry عصير juice
H ₂ * SIR-as, head, summit		SR=RS رأس head سرة summit
VAR-DHI, water-receptacle		VR=RV روا sweet water D ودع deposit
* RAS, juice, essence, pith		RS=SR عصير juice عصر squeeze nv.
* vi-pra-SHI-ta, absent from home	(VAS)	PRA=VRA ورا beyond VS=SV ثاوة dwelling
* RASA-ka, broth		RS=SR عصير juice
* RASA-la, mango tree		RS=SR عصير juice
RASA, moisture		RS=SR ثرى moisten
L ₂ MAN, murmur, to sound		MN=NM نام to moan, cog. w. moan
H ₃ RUT, shine, obstruct, speak		RT=TR طر shine حتر hinder تعر cry
RIP, break off, feel spasm		RP=PR فرى rip, cut cf. راب slit
ROSHA, wrath, anger		RSH=SHR شرة anger
VARA (VALA) hair of tail		BL=LB هلب hair of tail
VARI, water nv.		VR=RV روا sweet water روى to water
H ₂ 1. VAS, resound, bellow		SV echoe VS=BS باش to noise
* 2. VAS, settle in		VS=SV ثوى settle in a place
* 3. VAS, settlement, house		VS=SV ثوى settle ثاوة house
* VIS-PATI, lord of house		VS=SV ثاوة house PT فتح conquer
* VIS-ya, forming settlement, tribe		VS=SV ثوى settle, (settled people =tribe)
L ₂ * SIRA, head		SR=RS رأس head
* SAR, head	Pers.	SR=RS رأس head
H ₂ POTA, boat, young of animal		PT=TP طوف boat PT فتي any young animal
* SIRO-GRI-va, head+neck		SR=RS رأس head جرع swallow (swallower=neck)
* SIRO-KAPA-la, skull		SR=RS رأس head KP قحف skull
H ₂ SIR-sha, head, top		SR=RS رأس head سرة summit
* SIR-sha-PATA-ka turban		SR=RS رأس head PT عنت to twist
H ₂ * TAP, hot, glowing		BT=BT ابت be burning, hot TB عتب shine
SA-MULA, with roots (MURA)		SA شاع accompany ارومة root

* ARGHI-ta, acquired A-RUDHA-MUL-tva, not taken firm root (MURA)	RG=GR جرح acquire, earn RD رده be steady MR=RM ارومة root
H ₂ * BHAD-ra, good, fair, fortunate, skilled	BT=TB طاب be good, D/T delightful طاب skilful
* BHAND, receive loud praise (n)	BT=TB طاب be delightful طوبى happiness
* BHAD-ra-tara, better	BT=TB طيب to better a thing
L ₂ * BHAD-ra-ka, good	BT=TB طاب be good
* BETT-er (BHAD, BAT) good	BT=TB طاب be good طيب Eng. to better
H ₂ * VAT, be happy, serve	v/b BT=TB طوبى happiness تبع obey تابع servant
* MUSH-ti, handle, fist	MS=SM عصام handle اعصم hold fast
H ₃ * BHR-it, possessing, maintaining, bearing, supporting	BR=RB رب possess, bring up, ربي foster رباً take care, raise
H ₂ * BHRI-tya, fostering, be supported	RB ربي foster رباً take care of, raise
1. VARI-PA, drinking water NV	VR=RV روا water B عب drink روي be watered
2. VARI-PA, guarding water k lost	RV روا water P=KP خفي conceal i.e. guard
VARI-TAR-anga, water wave (ng)	روا+TR تار to dash (waves)
* VARI-DHARA, torrent of water nv.	روا+DR در to stream, flow
VARI-RA, giving water	روا+R راح receive favour f.
* VARI-SA-ya, living in water	روا+S عاش live
para-DESA, another place	DS=SD شداً extremity PR=VR روا beyond
DESA, region, point	DS=SD شداً extremity
* para-DOSA-GNA, knowing faults of others	DS=SD سد vice, defect GN=ZN ظن know+PARA
L ₂ * pari-DHUS-are, quite dusty	DS=SD صعيد dust, earth, cog. w. DUS-t
DHAIR-ya, steadfastness, firmness	DR=RD رده be steady رده steadfast

L ₂ ni-SHNA-ta, familiarity	SN=NS انس familiar
ASHNA, familiar	Pers. SN=NS انس familiar
L ₂ * PALLA-va, lappet	PL=LP لفة head-band
* LAPP-et, head-dress	Eng. LP لفة head-band
PALI-ta, grey	PL=LP لفع cover head (hoariness)
PAmSU-KRID-ana, playing in sand	PS=SP سائفة fine sand KRD اخرد be fond of play
TAPU-si, burning	TB=BT ابت be burning
PAS-ka-ARDHA, hind side	PS=SP ثنا follow ARD عرض side
L ₂ DAS, sacrifice	DS=SD سدع to slaughter
-CIDE, slaughter	Eng. SD سدع to slaughter
DHRAI, be pleased, satisfied	DR=RD رضى be pleased ارضى satisfy
DHISH, to sound	DS=SD صدی voice صدح to cry shout
PUKKHA, tail	kh/s PS=SP ثنا follow (be behind)
POOCHH, tail	Hindi PS=SP ثنا follow
* TAIL, hind part	Eng. TL توالی follow توالی tail
OURA, tail	Eng. OR اری عن remain behind تخلف
* KALPA, tail	Skt. KLP خلف remain behind
DUM=DUNB, tail	Pers. DNB ذنب follow ذنب tail
* CAUDA, tail	Eng. CD قعد عن remain behind قعدة posterior
H ₄ para-DOSA, bad, sinful, evening	DS=SD سد vice, defect سد blackness
darkness, disturbed state, tumult	ده confound صد cry, shout
STHA-in, setting out, departing	ST=TS طس go far off
STHA-na, departure	ST=TS طس go far off
PHET-kara, howl, yell	PT=TP هتف cry-out
BHANDA, jester, buffoon (n)	BD=DB دعب to joke
MAS-kara, hvg. bamboo, monk	MS=SM سام bamboo
MEDI, crackling of fire	MD=DM حدمة sound of blazing fire
* VELL, curved, curly	VL=LV اوى to curve, coil
* VELL-ana, rolling	VL=LV لوى to twist, coil
H ₂ * VES, neighbour, settler	VS=SV وصى adjoin SV ثوى settle
* VES-man, house, dwelling	VS=SV ثوى dwell ثاوة dwelling
TALA-na, clapping of hands	TL=LT لطح slap
H ₂ CLAP, slap, strike	Eng. KLB=LKB لخب to slap لخبف strike
L ₃ TALU, palate	Hindi TL=LT لطح palate

TAL-avya, palatal	Skt.	TL=LT لطح palate
PALATE	Eng.	(P)LT لطح palate
TALI-ka, palm of hand, slap		TL=LT لطح to slap nfv.
L ₂ REP, go RAF-tan, go	(Pers.)	RP=PR فری go
H ₂ * VAIS-ya, settler, squatter		VS=SV ثوی to settle SB ثبت sit down
L ₂ ut-TAPA, great heat	تپ تپیدن	TB=BT ابت be hot
* NAS, join, bow		NS=SN ثنی bind, bend
* ADUR-I, destroyer (DR) split		ADR=ARD اردی destroy ↑ هرد tea
H ₂ DR, pierce, crush		DR=RD حرد pierce رضح crush
* SKU, protect		SK=KS غشی conceal
A-DRI, not splitting=stone		A, not DR=RD هرد to tear
MEHA-na, in streams		MH=HM هما to flow (water)
URJ, fat		URJ=UJR اعجر fat
DOS, forefoot		DS=SD ساعد forearm (of. beast= forefoot)
PLI-ta, hoary		PL=LP لنع cover head (hoariness)
* PLI-ta, protector		PL=LP لاحت protect
H ₂ SR, crush, rend		SR=RS هرس crush حرص tear
SR, pierce		SR=RS رصع to lance
* MEEL, twinkle		ML=LM لمع to glisten, shine
L ₂ * 1. LUNTH, be idle	(N)	LT=TL عطلة idleness
* IDLE, unoccupied (EITEL)		ETL عطلة idleness, worklessness
2. LUNTH, rob, plunder	(N)	LT هلت scrape off, peel off + to strip
DHAN, produce fruit		DN=ND نضح to bud forth (tree)
* DHREE, destroy		DR=RD اردی destroy
RAF, go, hurt		RF=FR فری go, cut
LEKH, stumble		LK=KL قلع to totter
KARA-SN-U, forearm	Skt.	KR=RK رک feel w. hand=hand + ثنی bend=arm
SURGEON(KHER) hand	Eng.	KR=RK رک feel w. hand nfv.=hand
DAS-t, hand	Pers.	DS دس feel w- hand
cf. HAS-ta, feeler=hand	Skt.	HS حس feel حسس feel w. hand
MA-n-us, hand(MA) touch	Greek	M=MS مس touch w. hand
H ₄ KARA, 1. make, 2. do, 3. hand		KR=RK رک make compact
4. move		be able to do رک feel w. hand ورک move

KAR-dan, to do	Pers.	KR=RK ورک be able to do
KARA-KISAL-ya, hand		KR=RK رک feel w. hand=hand
sprout=finger		KSL خصلة tender branch=finger
NISH, think, meditate		NS=SN سنج to occur to mind (thought)
BUSA, water		BS=SB ثعب stream of water, flow
TAL-in, provided w. cymbal		LT لطح to slap (cymbals are slappers)
TANI-ka, rope, cord		TN=NT نط tie نطا weave
TANI-tri, extender		TN=NT نطا stretch
TAM-ra, dark red		TM=MT متع be intensely red
L ₂ TAM-ra-ka, copper, red	تابا(B)	TM=MT متع be intensely red
TAM-ra-AKSHA, red-eyed		prec.+KSH تشع to see
H ₂ DESA, point, country		DS=SD صد side, شدآ extremity
cf. رجا side, country	صتق side, country	شری side, country کنف side
country قتر side, region	قطر side, zone	عدی side, country حجرة side
region نحو side, country.		This is so, because a country is known by its sides which bound it.
* PULA-ki-KRI cause		BL=LB هلب hair K اعى rise high i.e. erect
erection of hair		KR=RK حرک to move i.e. cause
* PULA-ka, blighted grain		PL=LP لنع to burn (wind)
A-LAS-ya, not dancing		LS=SL حال to leap
DHRI-ta-MUSH, robbing		DR=RD رده be steadfast
of steadfastness		MSH مشع steal away
* prati-pra-SAVA, counter		PRA=VRA ورا in front VS وصية command, order
percept		
a-MOT-an, break, crack		MT=TM حطم to break
* DIS, to show		DS=SD صدع to manifest a th.
SR, crush, bruise		SR=RS هرس crush, bruise
N.B. Herein about 480 words have undergone METATHESIS out of which nearly 200 words have been transposed due to guttural letters viz. (ک - ق - غ - خ)		

PROSTHESIS AND REDUPLICATION

Remove initial consonant and apply one of the 4 basic formulas as the case may require.

H ₂ BHRAMS, fall, strike against	(m) (B) RS رزح fall رزح knock down
L ₂ H ₂ * BHRAGG, parch, fry	(B) RG حرق to scorch روع put grease in food
* PARCH, scorch, heat Eng.	(P) RK حرق to scorch, to heat
H ₃ BHARM, roam, quiver, whirl	(B) RM رمى to go رمع quiver رنج to reel
ROAM, go, ramble	Eng. RM رمى to go, repair to
RAMBLE, go (B)	Eng. RM رمى repair to a place
CHKAS, shine	(CH) KS غاث shine
H ₃ BHARAN-ti-(BHARAM), reeling,	(B) RM=RN رنج to reel
giddiness, quivering, moving about	رنج giddiness رمع quiver رنج wave to and fro
BHARMA-rin, subject to giddiness	(B) RM=RN رنج giddiness
BHRESH, quake, waver, totter	(B) RSH رشح to shiver
* CAKS, speak	(C) KS قص relate
DARDH-ya, firmness	(D) RD رده be steadfast
A-DRIDHA, not firmly fixed	(D) RD رده be steadfast
GARG-in, roaring	(G) رغا to rumble (thunder)
apa-GARGI-ta thunderless	(G) رغا to rumble (thunder)
GARGA, roar, thunder	(G) رغا to rumble (thunder)
H ₂ GHABAS-ti, arm, ray	(G) BS رباض arm وبس shine
* GURD, shout, exult	(G) RD رعد threaten, thunder
H ₂ GUGGL-u, fragrant gum	(G) GL رغالية perfume كعمل to glue
* GIGI-SHA, desire to overcome	(G) G حج overcome SHA شاء desire
* ug-GAG-ara, excited	(G) AG هيج excitement
* via-GHAR-a, scenter, tiger	(G) RA راح to smell
GAGAN, sky	(G) GN رخن be empty
* KHA, cavity, sky	K روى be empty
H ₃ GHURN, roll, quiver, sway	(G) RN رنج reel رمع quiver رنج move to and fro
* GHRA, smell	(G) RA راح to smell
1. GAKSH (GHAS) devour	(G) KS قضع to swallow
2. 2. GAKSH (HAS) laugh	HS هاشا to joke

* GAG-mi, going	(G) G حج to go
GAGHN-i, slaying	(G) GN قتا to kill
H ₂ GHOORN, whirl, move to and fro	(G) RN رنج to reel رنج move to and fro
H ₄ * GRIMBH, spread, increase, arise, be at ease	(G) RB رحب enlarge رب increase (m) ربا rise ريع remain quietly
GUGUP-sa, disgust	(G) GP قفح to loathe
GUGUP-sita, atrocity	(G) GP جفا tyrannise
KOKO-va, tongue (KU) cry	(K) تا to cry
abhi.GARG-in, roaring at	(G) رغا to rumble ب at
H ₂ * HNU, deny, take away	(H) N ناه deny نأى remove
* HRAD, resound loudly	(H) RD رعد to thunder
* HRADA, roar of thunder	(H) RD رعد to thunder
L ₃ GAGU-ri, leading, go in front	(G) AG=AZ ازا in front
AGO, lead, Latin, go in front	AG=AZ ازا in front
AG-Va, leading, in front, Hindi	AG=AZ ازا in front
* HIRDA, heart, throbbler	(H) RD=RZ رهز to move about
* HLAD, rejoice, be refreshed	(H) LD لذة delight
	D/Z
* HLADA, delight	D/Z (H) LD لذة delight
* A-KSHUD-ra, not insignificant	(K) SD صدعة bit a, not
* KAKSH-at, saying	(K) KS قص relate
A-KSHAM-in, pitiless	(K) SM سمح be soft, a not ساخل ولان
L ₂ A-KLISH-ta, not worn out	(K) LS لهيئة weariness
LASSI-tude, weariness	Eng. LS لهيئة weariness
L ₂ KUKURA, dog	(K) KR عقور biting beast of prey
CUR, dog	Eng. KR عقور biting beast of prey
* abhi-KSHAN, every moment	(K) SN ثانية moment
* KIRPA, pity	(K) رأف to pity
AKRIP-ana, generous	(K) RP رفا kindness رأفا to treat kindly
KSHUB, quake	(K) SB سبأ to shake
KAKSH-ya, girdle	(K) KS كاس to coil
KSIP-ra, quick	(K) SP عصف be quick
L ₂ * KVALA, swallowing	(K) VL=BL بلع to swallow
* SWALLOW	Eng. (S) WL=BL بلع to swallow
L ₂ KAKUBH, summit	(K) قب head
CAP-I-tal, head, chief	Eng. KB قب head, chief

KAKUN-DRA, cavity of loins	(K) KN خن to empty DR=ZR	أزر waist
KAKUD, hump	(K) KD قحدة hump	
H ₃ * KAKSHA, hiding place, armpit	(K) KSH غشى conceal خش crack	
girth, orbit, circular wall	KS كاس to coil	
KAKR-a, wheel, runner	(K) كرا to round, run	
L ₂ KANKHAL-skeleton (n)	(K) KL قحل be dry	
SKELE-ton (SKEL) dry	Eng. (S) KL قحل be dry	
* KASIPU, mat, cushion	صف (K) SP صفة pad صف put a pad	spread
L ₂ KASMAL-a, dirty	(K) SML سملة blak mud	
SLIME, thin mud	Eng. SLM=SML سملة black mud	
KUNG, roar	(K) نغ to shout	
KUNG-ra, elephant	(K) NG نغ to shout	nfv.
GAJA, elephant	nfv. GJ=ZJ ضجة clamour, noise	
* KSHAPANI-ka, boatman	(K) SPN سفينة boat	
KSHAM-a, enduring	(K) سامح forbear	
L ₂ * KUSAL-in, safe, sound, well	(K) SL صلح be safe, sound, good	
* SAFE (SAL-v-us)	Latin SL صلح be safe, sound	
* KUSAL-a, healthy, fitting	(K) SL صلح be sound, to fit	
* KRIPA-lin, having pity for	(K) RP رأفة pity	
L ₂ KRIP-ana, sword	(K) RP رهيف whetted sword	
RAPI-er, slender sword	Eng. RP رهِف to whet a sword	
* KRIP-ana, doleful	(K) RP رأفة pity (i.e. piteous)	
* KAUKESH-ya, of a sheath	(K) KSH غشا scabbard of sword	
L ₂ KRAK-SH, roaring, raging	K-RK رغا to rumble ارغى to foam	w. rage
KRAN-d, wail, resound,	(K) RN رن moan, resound	
implore piteously	رنة plaintive sound	
* KAUSAL-a, welfare, skill	(K) SL صلح be healthy, fit	
KSHAN-ti, forbear (KSHAM)	(K) SM سامح forbear	
KSHIB-a, intoxicated	(K) SB صهباء wine	
H ₃ * KACHTA, racecourse,	(K) ST شطح run away	
summit, boundary	سطح top, roof شط boundary	
H ₂ * KRODA, breast, cavity	(K) RD رضع suck breast رده hollow	
KSHAMA, enduring, patient	(K) SM سامح forbear	
KSHAM, pardon, patience	(K) سامح forgive, forbear	
KSHIB-a excited	(K) SHB شب excite	

H ₂ * KSHIR-a, containing milky juice	(K) SHR عصر squeeze nfv=	milk juice
* vai-KAKSHA, upper garment	(K) KS كساء garment + VAI cf. غشى	to cover
vai-KAKSH-anya, skill	(K) KS كس skill	
H ₂ * KSHIR, a milk, sap	(K) SR عصر squeeze عصير juice	
* SHEER, milk	Pers. SR عصير juice	
KSHUD, break, crush	(K) SHD شده to break (head)	
KSHAN, moment	(K) SN ثانية moment	
KSHANI-ka, momentary	(K) SN ثانية moment	
L ₂ KSHAD, slaughter	(K) SD سذع to slaughter	
-CIDE, slaughter	Eng. CD سذع to slaughter	
H ₂ KSHODA, crushing, bit	(K) SHD شده break صدعة bit	
H ₂ * KSHVER, to wet, release	(v) (K) SR ثرى to moisten سرح set free	
KSHVEL, tremble	(v) (K) SL غسل to quiver	
L ₂ KREV, serve	(K) RF رف serve (S) RV=RF رف	serve
KSAN-tavya, to be forgiven	(K) SN=SM سامح forgive	
KSHNU, whet, sharpen	(K) SN سن whet, sharpen	
sam-KAKSHE, be looked at	(K) KSH قشع to see	
KSHIP, finger	(K) SB اصبع finger	
H ₂ * KSHIP-ra quick, elastic	(K) SP عصف be quick صاف incline	
abhi-KAKSH-ana, looking at	(K) KSH قشع to see ب at	
* a-KAKSH-ur-VISH-aya,	(K) KSH قشع to see	
beyond reach of vision	VS وسع extent, a, beyond	
L ₃ KSHVEL, jump	(v) Skt. (K) SL صال to jump	
ASSAIL, ASSAUL-t, jump.	Eng SL صال to jump, assault	
CHHAL, jump	Hindi SAL صال to jump	
LAS, jump	Skt. LS=SL صال to jump	
N.B. KSHVEL, LAS, ASSAIL, CHHAL is the same root.		
KAKSH, see, appear	(K) KSH قشع to see كش disclose	
H ₂ KAKSH-an, sight	(K) KSH قشع to see	
KAKSH-u-VISHA-ya, range	(K) KSH قشع to see VS وسع extent	of sight
* KAKS-ya, hidden	(K) KS غشى to hide, conceal	
KAKSH-USH-ya, pleasing to	(K) KSH قشع to see USH هش be	glad
see		
KAKSHU-RAGA, feast to eyes	(K) KSH قشع see RAG راق be	pleased

KAKAS, shine	(K) KS غاث shine
* KAKRA-GOP-tri, wheel guard	(K) KR كرا to round GP خفي conceal
* GUP, guard, conceal	GP خفي conceal
* GOP-aya- conceal, protect	GP خفي conceal
KAKRI-V-at having wheels	(K) KR كرا to round V حوى have
L ₂ KVAN, buzz	(K) VN ون buzz
BHIN-BHIN, buzz	Hindi BN=VN ون buzz
KSMAY, shake	(K) SM زام cause shiver
H ₂ KANGA, fastidious, thoroughly	(K) NG نيفة foppishness, zeal, skill
acquainted with	+ نفع experienced and learned
prati-KSHAN-am, every	(K) SN ثانية moment
moment	
prati-KAKSH-ana, looking at	(K) KSH قشع to see
H ₂ vi-KKHEDA, cleaving,	(K) قاض split,
breaking, destruction	break قض destroy
vi-KKHIT-ti, cutting off	(K) KL قطع to cut vi, off
vi-KKHAND-as, various	(K) KD قد measure, musical tune
meters (n)	
KANKHALA, lightning (n)	(K) KL خال lightning
vi-KAKSH-ana, bright	(K) KS غاث to shine
H ₂ * KSHE-ma, rest, prosperity, safe	(K) SH عيشة easy life S صح be safe
KAKSHU-ka, peculiar to eye	(K) KSH قشع to see
H ₂ KAKSH. see, say, tell	(K) KS قشع see قص relate
a-KSHOB-ya, not to be shaken	(K) SB سبأ to shake
KANKAL-ya, fickleness (n)	(K) KL قلع be unsteady
LANGULA, tail (n)	(L) GL=ZL ذيل tail
a-LOLUP-ya-mana, not greedy	(L) الهف be greedy
AR-i-MARD-ana, enemy-	R ير enmity, nom. I (M) RD وضع
crushing	to crush
SPARTH-as, wide	(S) PRTH فوطيح to widen a th.
H ₂ MARDA, crushing, grinding	(M) RD رضح crush رض grind
MARK-in, radiant, sun	(M) RK راق shine
* a-MRED-a, repitition	(M) RD رد return
TVIS, shine	(T) BS بص shine
NAGAR, town	(N) GR قعر town
NAGAR-OK-as, citizen	(N) GR قعر+OK عكى dwell, stay
PRAEESH, shake, swing	(P) RSH رعش to tremble
* PRUCH, burn	(P) RK حرق burn
PROSH, sprinkle, be wet	(P) RSH رش sprinkle a fine rain

PAPA, evil, bad, wicked	(P) AP حاف act wrongly حوب sin
PRIKSH-a, spotted	(P) RKSH ارتش spotted
PRIRSH, comfort, nourish	(P) RKS رعس blessing, increase
	wealth
PRUSH, sprinkle	(P) RSH رش sprinkle
PLUSH, burn, scorch	(P) LS لذع to burn
L ₂ PRENKHA, rocking, swaying (n)	(P) RK راق quiver, ripple
ROCK, oscillate	Eng. RK راق quiver, ripple
PRENKHO-la, oscillating (n)	(P) RK راق to quiver
PLENKHA=PRENKHA,	(P) RK راق to quiver
swing (n)	
PSARA,, shame,	(P) SR شورة shame
غ SISIRA, cold (SI)	(S) SR صر cold ↑ S وحصة cold
THHIR, cold TH/S	Hindi THR=SR صر cold THITHAR-na
	(reduplicate)
a-SLESHA, close contact	(S) LS لاث stick to, twist round
embrace	
SPHAL, strike, lash	(S) BL وبل strike w. stick
L ₂ ASKAR-ya, wonderful	(S) KR غرا wonder at
H ₂ CURI-ous, strange, eager	Eng. KR غرا wonder at غرى desire eagerly
a-SISAD-ayi-SHU, attack+	(S) SD شد to attack شاء desire
desire	
L ₂ a-SKANDA, leaping up	(N) (S) KD=KZ قز to leap
KOOD, leap	Hindi KD=KZ قز to leap
a-SPHAL-ana, striking	(S) BL وبل strike with stick
SHTU (SHTIV) spit	(S) TF تف to spit (F=V=U)
vi-SKHIR-a, scraper	(S) KR قره be scraped
vi-SPHUL-inga, spark	(S) PL فل spark (ng nasal)
SABDA, cry, sound, noise	(S) FD فد to shout
L ₃ * SKAND, shining	(n) (S) KD وقد kindle burn, be lighted
غ* KIND-le	Eng. (n) KD وقد to kindle
KIND-eel, lamp (N) Pers.	(N) KD وقد to light a lamp cog,
	w. CAND-le
* SNATH, pierce, strike down	(S) NT نطح to gore, strike w. horn
SPHIGI, buttock	(S) PG عفاقة buttock
SKAR (KAR) approach	(S) KR اقرب draw near
SRISH, adhere, join, unite	(S) رصح adhere, stick to
SLISH, adhere, embrace	(S) لاث stick to, twist round

SLESH-man, mucus, band, string	(S)LS لاث stick to, defile لاث twist round
SAKSH-seeking	(S) KS قس seek
SAKSH, ana, conquering	(S) KS كسا overcome
H ₃ SKAND, leap, fall, perish, be split or shed (n)	(S) KD قز leap قاض pull down destroy قاض to split
SKAND-a, hopper (n)	(S) KD=KZ قز leap
SKANDH, be attached (n)	(S) KD عكد stick to
H ₂ (a) SKANDA, top, shoulder, trunk of tree (n)	(S) KD قعدة camel's hump قرو trunk
L ₂ (b) KANDHA, camel's hump, shoulder	KD قعدة camel's hump= KANDHA, shoulder (N)
(c) KAKUD, hump	(K) KD قعدة hump
N.B. Camel's hump has assumed 3 forms in Sanskrit i.e. a,b,c and (d) KANDHA	
SKHAL, waver, stagger	(S) KL قلع to totter, be unsteady
SKHAL-a, unsteady gait, displacement of garments	(S) KL قلع be unsteady قلع take off clothes
H ₂ STUBH, shout, utter sound	(S) TF حتف to cry طبا to call
pra-SKAND-in, leaping (N)	(S) KD قز to leap
pra-SKHAL-ana, staggering	(S) KL قلع to totter
SKANDHA-AVAR-a, shelter of trunk=king	(S) KD قرو trunk VR وري conceal (N)
STUKA, tuft of hair	(S) TK طاقه handful of hair
L ₂ STUPA, tuft of hair	(S) TP طهافة lock of hair cog. w. TUft, lock of hair
STAPHU-ta, hunch-backed T/D	(S) TB=DB حذب be hunch-backed
SISN-A, phallus	S-SN ثين boring tool
* STHALA, mound	(S) TL تل mound
SPAND, throb (n)	(S) PD فد to flap (wings-bird)
H ₂ SPAS, see, clear, evident	(S) PS فحص see, examine افصح clear, evident
SPAS, watcher	(S) PS فحص examine carefully
SPASH-tika, make clear, illumine	(S) PS افصح make clear, appear (dawn)
* SPRI, free from, release	(S) BR برى free
nish-SPANDA, motionless (n)	(S) PD ند to tread+not
* SPRIDH, exult, vie w., race d/z	(S) BRZ برز excel, surpass, outrun

* SPRIH (SPRIDH) vie w.	(S) BRZ برز surpass H=lost D
SPHAT, cleft, split, burst	(S) PT فت cleft, fissure, crumble
H ₃ SPHUT-a, split, burst expand, opened wide	(S) PT فت cleft, crumble فطح be broad, enlarge, flatten
* SPHUT-aya, to manifest	(S) PT فتح to reveal
SPHULI-ng-aya, burn like spark	(S) PL فل spark (ng)
V _i -SPHL-unga, spark	(S) PL فل spark (ng)
pra-SLISH-ta, slurred, coalescent	(S) LS لاث defile w. mud لوث mix with
SLESHA, close contact	(S) LS لاث to stick to
H ₂ SRAS, fall down, go to pieces	(S) RS رزح fall down رضح crush
SRAMS, miscarriage, relaxing	(S) RS رزح fall down f. fatigue (m)
H ₂ pra-SPHOT-ana, split, expand	(S) BT بط to split بطح spread
ati-SHKAND, overstepping (N)	(S) KD=KT خطا to step+عتا exceed
ati-ASKAR-ya, too wonderful	AT عتا exceed (S) KR غرا wonder at
L ₂ ava-SKARA, privy nv. R/L	(S) KR=KL خلوة privy (not خراء excrement)
H ₂ SABD-aya, cry, word	(S) FD فد to shout بدا become manifest
SAPRATH-as, wide, great	(S) PRT فوطح be wide
* TRID, destroy	(T) RD اردى destroy
STHALI, eminent. table-land	(S) TL طلع elevated spot
* STHAL-aya, become dry land	(S) THL=SL صلته dry earth
(a) TARG, threaten	(T) RG رغا threaten
(b) GARG, roar	(G) RG رغا rumble
(c) SPHURG, rumble, roar	(SP) RG رغا rumble
TRID, pierce	(T) RD عرد pierce
TUSHA, hem of garment	(T) USHA حاشية margin
* TUSHA-KHAND-ana, pounding of husks (n)	(T) SA سحا scrape off سحاية filings KD قاض to pound
TAT, groan	(T) AT اط to groan
L ₂ * TRAB, embarrassed, perplexed	(T) RB راب be perplexed
* dis-TURB, perplex Eng.	T-RB راب be perplexed
* TVAK-sh, pre-eminent	(T) VK=FK فاق be above, surpass
TSAR, approach stealthily	(T) SR سرح draw near stealthily
TITTR-i, partridge	(T) TR طرة streak hvg. (streaks)
PARTRIDGE (PERD-ex)	BRD برد streaky cloth
	speckled

L ₃ VAKSH-as, breast	Skt.	(V)KS قص breast
CHES-t, breast	Eng.	KS قص breast
KUCH-in, breast	Hindi	KS قص breast
CHUCHI, breast	Hindi	KS قص breast
VILAMBHA, delay (b)	(V)LM لومة delay	
L ₂ A-VIKR-ama, not valorous	(V)KR قريع hero, chief	
HEROE, illustrious warrior	HR=KR قريع hero Eng.	
H/K		
L ₃ A-VIGHR-aha, indisputable	(V)GR غارى to quarrel A, not	
QUARR-el, have dispute Eng.	QR غارى to quarrel	
BIGAR-na, quarrel,	(B)GR غارى quarrel غير change	
change	Hindi	(Hindi)
VRICH, choose	(V)RK راق excel	
VARCH, shine	(V)RK راق shine	
VARSH, love	(V)ARS عرس to love	
L ₂ * A-VRIDDA, not pleasing	(V)RD رضى be pleased	
* ARRIDE, please	Latin RD رضى be pleased	
A-VRIDDHA, free f. interest	(V)RD ردة profit, return	
A-YARK-as, impotent	(V)RK ريق strength A, not	
* ud-VIG-ana, troubled in mind	(V)IG هيج agitation	
L ₂ * sam-VEGA, agitation	(V)EG هيج agitation	
* AGI-t-ate, disturb	Eng. AG هيج disturbance, agitation	
VIG, shudder	(V)IG=IZ هز to shake	
* ud-VEGA, agitation	(V)EG هيج agitation	
* ud-VEG-in, getting excited	(V)EG هاج be stirred هيج excitement	
VRAN, to sound	(V)RN رن resound	
H ₃ VAKSH, grow strong, breast,	(V)KS كث be thick قص breast خش	
cavity	crack	
VAN, love, desire	(V)N حن to yearn, long for	
VAN-us, eager	(V)N حن yearn	
VAP, clip, shave, cut, pluck	(V)P حف clip, shave, pluck (beard,	
(beard, hair)	hair)	
VAGURA, snare	(V)GR جرة snare	
L ₂ VAM, vomit, emit, send forth	(V)AM عمى throw foam	
VOM-it, throw up	Eng. (V)OM عمى throw foam	
VANDHYA, barren woman (n)	(V)DY ضهي be barren (woman)	
H ₂ VARK-as, brilliance, vigour	(V)RK راق shine, ريق strength	
VALBH, eat	B/F (V)LF لاف eat	
VRAND-an, arrow (n)	(V)RD عرد to pierce (arrow)	

VRIDH, grow	(V)RD عرد to grow (plant)
L ₂ VIGGAL-a, slimy	(V)GL عجلة mud, clay
GIL, mud, clay	Pers. GL عجلة mud, clay
VIDEO, see (ID)	Latin ID عهد behold
VID, see, know	Skt. (V)ID عهد behold, be acquainted w.
VEDA, knowledge etym. dub.	(V)ED عهد be acquainted w. cf. افادة knowledge
L ₂ VALK, speak	(V)LK لنا to speak cog. w. LOGY
VISHANA, horn	(V)SN سن horn
* VISHAY-in, sensualist	(V)SH شهوا covet شهوة lust
H ₂ * VISH, be active, do, flow	(V)S سعى exert, act, ساه flow
VISH-ti, compulsory work,	(V)S سعاية work imposed on a slave
bondman	for getting freedom
* VISH-nu, worker	(V)S سعى exert, act
H ₂ * VISHA-ya, work, scope	(V)S سعى act وسع extent
A-VED-ana, ignorance A, not	(V)ED عهد be acquainted with
A-VID, foreknowledge	(V)ID عهد be acquainted with
A, before	افادة knowledge
KO-VEDA, knowing well	K=S صح well عهد be acquainted with
VID, understand (not prec.)	VD=BD بضح understand
VATAY-ana, terrace, or	(V)TAY طاية terrace, flat top of a
balcony	house
YOS, health	(Y)S صح be healthy
H ₂ VRKA, plough, moon, sun	(V)RK ركا dig راق shine
VASA, pole, ISA, pole	(V)ASA عصا staff, stick, support
VRAD, soften	(V)RD رويد softness رويد soft

PROSTHESIS WITH METATHESIS

Remove initial consonant and transpose remaining consonants.
Apply one of the 4 basic formulas as the case may require.

pra-SKALA, very full bosom	(S) KL=LK حلق to fill up, become swollen with milk (udder)
* STIGH, to stride	(S) TG=GT خطا to step, walk
L ₄ * STAGH, conceal, cover (1)	(S) TG=GT غطا conceal, cover
* KAT, cover Aryan (2)	KT غطا to eover
* TEGO, to cover Latin (3)	TG=GT غطا to cover
* DHAK-na, to cover (4) Hindi	DK=TK=KT غطا to cover
su-KUMARA, softness	(S) KMR=RKM رخم to soften
RARATA (LALATA) forehead	(L) LT=TL طلجة countenance, face
H ₂ VISHK, kill, see	(V) SK=KS قتل see
* VRAJA, enclosure	(V) RJ=JR حجرة enclosure
GHRIN, burn, shine	(G) RN=NR نار fire, shine
VRS-bhu, bull	V-RS=SR ثور bull

TONING UP

(A) Restore the lost initial K i. e. ك - ق - غ - خ

TANU, small, slender, thin	TN=KTN قتين thin
TANI-man, thinness	TN=KTN قتين thin
TANU-karana, attenuate	TN=KTN قتين thin
L ₃ TANA-va, slenderness skt.	TN=KTN قتين thin va, sfx
THIN Eng.	TN=KTN قتين thin
TUN-uk (TANU) thin Pers.	TN=KTN قتين thin
ATTENU-ate, make thin Eng.	ATN=KTN قتين thin
L ₂ * LOK, world, people	LK=KLK خلق creation, people
LAY=LAIC, people Eng.	LC=KLC خلق people
* A-LOKA-SA-manyā not shared by people	LK=KLK خلق people Sحصه share (SM سهمه share, is not the root)
abhi-NABH-yam, upto clouds	NB=KNB قنيب dense clouds
غ NABH-as, cloud, bursting forth	NB=KNB قنيب clouds ↑ نبع issue (water)
L ₂ NFBU-la, clouded Eng.	NB=KNB قنيب dense clouds
* PALA-ka, guarding, preserving	PL=KPL كفل to nurse, guarantee
* PAL-I, female guardian	PL=KPL كفل to guarantee

* PALA-ya, be guardian, maintain	PL=KPL كفل guarantee, nurse
* LAUKI-ka, worldly, usual	LK=KLK خلق people, creation
* GOPAL-A, cowherd (GO) cry	Gعج to cry bellow (ox) كفل to nurse)
* A-BALA, powerless etym. dub.	BL=KBL قبل power A, not or عبل twist (strengthen)
* A-RAP-a, unscathed, uninjured	RP=KRP قرف to scrape, peel off
A-LIGGA, shameless (JILLA)	JL=KJL خجل be ashamed
* VYA, cover v/f	FY=KFY خفي conceal خفاء covering
* TARA-na, deceiving	TR=KTR ختر treachery cf. وتر defraud
* LAUK-ya, common	LK=KLK خلق people
PURA, fortified town, castle	PR=KPR خفر to wall a town
ن PA-ni, hand (PAL-ni)	P=KP كف hand ↑ BL=KBL قبل take nfv.
abhi-LANGH-ana, overleaping (n)	LG=LZ=KLZ قفز to leap
* RI-tu, fixed time, season, menses	R=KR قره moment افراً blow periodically (wind), menstruate
H ₂ TANU-D-ana, scanty gift, giving up the body	TN=KTN قتين thin D هدية gift TN طن body D ادى to pay
* ni-UB-ga, upside down	UB=KB كب turn upside down
BHUGA-upa-PID-am, clasping w. arm	BG=GB قبا bend, fold=arm=B with PD=KBD قبض grasp
* MI-ta-GN-U, strong-kneed	M=KM قام to stand GN حجن to bend i.e. knee
غ MI-tya, price (MA) measure	M=KM قبهه price ↑ M=MS مسح measure
DHI, to nourish d/z	Z=KZ غذى feed, bring up (a child)
VI-PAS-ana, unfettering	PS=KPS قفص to tie by feet VI, un
PAS, bind	PS=KPS قفص to tie by feet
H ₂ BILE-SAYA, lurking in hole, living in hole	BL باعة hole S=KS عشى conceal +S عاش live
SLO-na (SRO-na) lame	SR=KSR كسير hvg a foot broken
SRI, break, rend, Shatter	SR=KSR كسر to break to pieces
PAD-AT-I, going on foot	PD فاد tread i.e. foot AT=KT خطا walk

L ₂ upa-pra-LOBHA-na seduction, allurements لبهانا	LB=KLB خلب to captivate (youth-woman) wheedle, deceive
upa-SOBH-ana, trimming	SB=KSB قضب cut off branch
SHUDDHI, purify	SH-D=KSHD اكشد purify (اخاص)
DHI, suck, drink	D=KD قدع drink in small draughts
NI-DRA, sleep	DR=KDR خدر benumb NI pfx.
NAI-DRA, producing sleep	N ن produce خدر numbness, sleep
NABH-ya, cloudy, misty	NB=KNB قثيب dense clouds
ALOK-ana, deliberation, plan	ALK=KLB خلت take measure of, to compose
LUBH-dha, greedy	LB=KLB كلب be greedy
H ₂ LUBH, be greedy, bewilder	LB=KLB كلب be greedy خلب fill w. wonder
H ₂ * AP-ta, sufficient, match for	AP=KP كفي suffice كفو match
L ₂ PA-man, scab	B=KB قوبة skin disease cf. (S) قوبة CB
PASA (PAS) bind, trap	PS=KPS قفص to tie by feet
L ₂ VAAE, weave, cover	VE=KVE اقوى weave خفي cover
* pari-ava-DHARA-na, mature reflection	go round DR=KDR فكر و قدر reflect قدر
H ₂ * PA, watch, guard, protect	P=KP كفا to watch خفي conceal, guard
PASI-ka, trapper	PS=KPS قفص to tie by feet
* PAL-ya, be maintained	PL=KPL كفل to nurse
L ₂ PITHA-ra, pot	PT=KPT كفت pot
POT, vessel Eng.	PT=KPT كفت pot
* PITTA-ya, stamp down	BT=KBT خبط trample upon
PURA, fortified town	PR=KPR خفر to wall a town
PUR-am. GAYA, city + conquer	prec. + GY قوى overpower
* PUR-BHID, destroying citadels	prec. + BD اباد destroy
PAUR-a, townsman	KPR خفر to wall a town nom. A
* PAURA-SUKH-ya friendship of fellow citizens	KPR خفر to wall a town=town SK وثق to bind by compact
H ₂ prati-DHA, drinking down, (DHE) draught, nourish	D=KD قدع to drink in small draughts غذى feed d/z
DHA-ya, layer	D=KD خدع to fold
BISA, root, origin, source	BS=KBS قيس origin, source
LAGG, be ashamed	LG=GL=KGL خجل be ashamed
ud-DA-na, unfettered	ud, not D=KD قيد fetters

* SA-ASA, having a bow	SA شاع with AS=KS قوس bow nv.
* DRO-na, tub, trough	DR=KDR قدر pot, urn
DRA, sleep skt.	DR=KDR خدر be benumbed, be languid (eye)
BAI-DAR, not asleep Pers.	DR=KDR خدر benumb=sleep
L ₃ DREA-m, sleep Eng.	DR=KDR خدر benumbed, be languid (eye)
DOR-mitory, sleep Eng.	DR=KDR خدر be benumbed
DOR-mant, lying asleep Eng.	DR=KDR خدر numbness=sleep
DRA, run	DR در to run
N.B. DRA, to sleep and DRA, to run, can only be explained by Arabic. Sanskrit has confused خدر and در which are irreconcilable.	
Sleep is numbness of limbs. cf. نام benumb, sleep برد cold, sleep	
DA, cut off	D=KD كذا cut off
PA-la, protector, guardian (root doubtful in Sanskrit) ↑	PL=KPL كفل to guarantee P=KP خفي guard, conceal ↑ كفا watch (wrong roots)
PSA, devour	PS=KPS قفش eat greedily
* MI, erect, set up	M=KM قام rise اقام erect, set up
ANCH, individualise (n)	AS=KS خص to attribute exclusively to a. o.
H ₂ IRA, enfreshening drink	IR=KR قر be refreshed كرع sip
* MI, approach	M=KM قحم to come near
* MI-t, erect, post, pillar	M=KM قائمة leg, post قام to stand
RAPH, wretched	RP=KRP قرف loathsome
BHAS, devour, eat	FS=KFS قفش eat greedily
غ BHAS, ashes (that which is devoured by fire) ↑	BS=KBS غبشة ashy colour KFS قفش eat greedily (wrong root)
* DANDA-PA-ni, staff in hand	DD=TD وتد stake P=KP كنف hand
L ₂ LUNDI-kri, roll together (n)	LD=KLD قلد to wind upon, twist
CALEND-er, roller (N) Eng.	KLD قلد wind upon, twist
prati-PAL, be guarded, waited for	PL=KPL كفل to guarantee, stand- ing in the rear
pra-LOBHA, allurements	LB=KLB خلب wheedle, deceive
RAP-as, bodily defect, injury	PR=KRP قرف disgust قرف to peel off
H ₂ RAMAI, causing rest, darkness, night, (RAM)	RM راماً to stop in a place RM=KRM عكرم darkness of night

(N.B. Two roots have run together i.e. ربا and عكرم)

RAMA, dark coloured, black	RM=KRM عكرم darkness
RAM-ya, night	RM=KRM عكرم darkness of night
DHA-tu, suitable for sucking	D=KD قدع drink by small draughts
RUNDA, mutilated, headless body	RD=KRD كرد to cut (n)
* VATU, hush	FT=KFT خفت be silent
* apa-TUSH-ra, free f. mist	TSH=KTSH غطش darkness, obscure, dim
* BHR-ant great	BR=KBR كبر be great
1. RIKH, tear, rend	RK=KRK خرق to tear, end
2.* RIKH, to scrape	RK عرك to scrape
3.* LIKH, tear, rend (RIKH)	LK=RK=KRK خرق tear, rind

N.B. The 2 roots have been confused by Sanskrit. They are quite different.

PAS-u, tethered cattle	PS=KPS قفص to tie by feet
○ Cattle, cow, bull, bovine animals	KTL غيطلة cattle, cows, bulls antelopes
root (CAP-ut) head	↑ KB قب head
PASU-PAL-ya,	قب + BL جبل bind
binding or breeding cattle	PL فل to bring up

But I think PASU=نشاء breed of cattle.

N.B. It is too much to base PASU on tethering. Untethered cattle are also cattie. However, I have given both the roots. The root of cattle given in the English Lexicons is incorrect viz. capital=capt-t head i.e. قب head

* adh -BADHI-tri, tormentor	BD=KBD كبد distress, hardship
* SAL-LOKA, good people	SL صالح good LK=KLK خلق people
SA-LAKA, same world	S سواء equal KLK خلق creation
pra-SABHA, violently, forcibly	SB=KSB غضب snatch forcibly غضب violence
SADH-U, straight, fit	SD=KSD تصد straight (road) just
sam-DA-na, fetter	D=KD قيد fetter
sam-DA-nita, fettered	D=KD قيد fetter
su-VI-ta, well-concealed	F=KF خفى conceal+S صح well
SOP-ana, stair, step	SP=KSP تصفة stair, step
sam-ni-DRA-par-LAYA,	DR=KDR خدر benumb, be languid (eye) L حل dissolve
whose sleep is dissolved.	
RABH (LABH) seize, grasp	LB=KLB قلب to handle, seize

LANGI-dan, to limp	Pers. LG=LZ=KLZ قلز to limp (n)
L ₃ LANGA, lame (n)	g/z Skt. LG=LZ=KLZ قلز be lame
CLAUD, lame	d/z Eng. CLZ قلز be lame
LANGH, leap, go across	(N) LG=LZ=KLZ قلز to leap
LANGH-ana, leaping	(n) LG=LZ=KLZ قلز to leap
LUMB, bewilder	(M) LB=KLB خاب fill w. wonder (فتنة)
JAM, eat	JM=ZM=KZM خضم to eat
PREE, protect	PR=KPR خفر protect
* PA, protect (conceal) guard	P=KP خفى conceal
* LA, take, undertake	L=KL قل to lift
* VISH, excrement, dirt	v/b BS=KBS خبث excrement, dross
LABH, grasp	LB=KLB قلب to handle, seize

(B) Initial vowel stands for lost initial K

ANDU, footchain	(n) AD=KD قيد fetters
L ₃ AP, work	Skt. AP=KP قفغ toil
OP-us, work	Latin OP=KP قفغ toil
OPe-rare, labour	Eng. OP=KP قفغ toil
an-AD-I, without origin	AD=KD قدو root, origin
* APA-ya, following	AP=KP قفا to follow
* AP-asya, be active	AP=KP خف be brisk
H ₃ ISH, go, see, kill	ISH=KSH قش go قشع see تعص kill
H ₂ UBH, cover over, fill	UB=KB خبا conceal fill up
L ₂ UTI-h, protective اوٹ Hindi	UT=KT غطا conceal, cover
H ₂ IRA, drink enjoyment, refresh	IR=KR كرع to sip in قر rejoice, be refreshed
URU, shank, thigh	UR=KR كراع shank
ABHAR, go, wander	ABR=KBR غبر go away
* AP-as, active, diligent	AP=KP خف be brisk
* ATA, roam, gad about	AT=KT خطا to walk
L ₂ ARA-la, curly	AR=KR كر to be wound
CUR-I, wind	Eng. CR=KR to be wound
ALU, pitcher	AL=KL قلة pitcher
* pari-ATA-ka, roaming	ATA=KTA خطا to step
ARP-ana, sacrifice	ARB=KRB قرب to offer قربان sacrifice
H ₅ YAM, 1. hold, sustain	YM=KM قوام sustenance
2. reach out,, 3. curb, check	قحم draw near كبح to check
4. subdue, 5. tighten (reins)	قحم subdue وقم check w. reins

YAMA, restrainer, rein YM=KM وقم check (horse) w. reins
YAMA-na, restraining, guiding YM=KM وقم check w. reins (not زم)

(D) Restore middle K

OORD, sport play O-O-RD=OKRD اورد be fond of play
ATT, despise A-T=KAT اعط despise
OOY, weave O-O-Y=OKY اقوى weave

(E) Restore final K

a-sam-DIGHD-am, undoubtedly DGD=DGDG دغدغ to tickle, A not
UT-ka. longing, Ksfx. T=TK تاق to long for
* pra-DAM-ana, forcible DM=DMG دمنغ overcome, subjugation constrain
L₂* KUR, steal, KUR-A, thief k/s SR=SRK سرق steal Skt.
* CHOAR, thief, Hindi SR=SRK سرق steal k lost
* COR, thief, Nepali SR=SRK سرق steal
ROOK, thief, German RK=SRK سارق thief S lost

For the elision or apocope of the final K the following English words may also be studied :

LOW (LOGI) flame b=LG لباق blaze
* AZURE, blue AZR=AZRK ازرق blue
* LAW (LAGU) lay L=LG لاق to suit, adhere لحق ioin
LIE (LUG-en) false statent L=LG لاق to tell a lie
غ LUNA-cy (LUC-nacy) L=LC اللق to be mad ↑ اللق flash, shine
LUNA, moon (LUC-na) L=LC اللق to flash
LI H-t, (LUX) L=LK اللق to flash
* BRIGH-t shining BRI=BRG برق to shine
* FRIGH-t, fear FRI=FRG فرق to fear
ALLOY, ALLY (ALIG) bind AL=ALG اعلق to fasten
FRY, cook in fat (FRIGO) FRY=(F) RG روع to put grease in food
FEAR FR=FRK فرق to fear
FRY, young, swarm FRY=FRG فرخ young فرخ to swarm
LIEU (LOC-us) place L=LC اعلق to pertain to
FIGH-t, (VECH-t-en) FI=VK واقعة fight
RIGH-t (REG)=(REK) RI=RK رقى to raise (hence straighten)

(F) Change H into K

* HRISH, to tell a lie HRS=KRS حرص to tell a lie
H₂ HAN, strike, kill HN=KN قنع to strike قنأ kill
HAN-tavya, to be killed HN=KN قنأ to kill TB طاب fit
HARA-na, striking HR=KR قرع to beat, strike
* HARA-na, beating HR=KR قرع to beat
HARY, to long for HRY=KRY غرى desire earnestly
* HAR-tari, assailment HR=KR قرع to beat, strike
* HAR-in, striking, fighting HR=KR قرع beat قارع come to fight
* HELIKA, riddle, enigma HLK=KLK غنق locked, bolted
1. LI, tremble, rock L=KL قل shudder
H₂ 2. LI, stick to, alight, L لوى stick to حل alight at حل
disappear, conceal dissolve لوى to conceal (ستره)
LI-na, clasping, concealing L لوى stick to, conceal
* VASARA-HAN, morning+ (V)SR سحر morning HN=KN قنع
strike strike
HEDA-VUKA, horse-dealer HD=KD قعد to run (horse) BK
V/B باق buy and sell
upa-HAN-tavya, be killed HN=KN قنأ to kill TV=TB طاب
be fit
* prati-pra-HARA, counter blow PRA=VRA ورا against HR=KR
قرع beat
VARA-AROHA, hvg. BR بارع beautiful RH=RK رقى
beautiful hips ascend, raise^e
* ROHA, ascend RH=RK رقى ascend
* ARUH-ya, ascending RH=RK رقى ascend
* ROHA-na, ascending RH=RK رقى ascend
HALA, plough (شق split, till) HL=KL خل to slit (فلج split, till)
HESH=HRESH, neigh (R) HSH=KSH كش to bray, be
sonorous
H₂ HIMS (HAN) strike, kill HN=KN قنع strike, قنأ kill
HIND, wander, ramble (n) HD=KD قدى walk quickly
HRAS, grow shorter HRS=KRS كرش be contracted
HAS, race HS=KS اكص run, flee away
* AROHA, ride, hip, mountain RH=RK رقى ascend, raise
HAR-na, to be beaten at play HR=KR قرع to be beaten at
play (Hindi)

TONING UP OF S

(a) Restore the lost initials S or Z

MAH, grant, bestow	MH=SMH سمح bestow bountifully
HARI, fawn colour	HR=SHR صحر be tawny fawn
L ₂ * HAR-in, charming	HR=SHR صحر to charm, bewitch
H ₂ CHAR-m, bewitch, delight	SR=SHR صحر سر cheer up, rejoice Eng.
* RAH, separate, abandon	RH=SRH سرح repudiate, divorce
NA-ya, flattering, courtesy	N=SN صانع to flatter
HAT-ya, slaughter	HT=SHT سخط to slay
HR, to draw	HR=SHR شهر to draw (a sword)
L ₂ TOH-na, to track Hindi	TH=STH سته to track
in-VESTI-g-ate, to track	(V)ST سته to track Eng.
VEST-ige, track	V-ST سته to track Eng.
an-ava-LEPA, unanointed	LP=SLP سلف to grease, to oil
MAND, decorate (n)	MD=SMD صمد to adorn, to deck (bride).
PETA, basket	PT=SPT سفظ basket
PEDA, basket d/t	PT=SPT سفظ basket
* LOPA, deprive, plunder	LB=SLB سلب deprive, plunder
* LOP-in, injuring, elision	LB=SLB سلب deprive, negation
H ₂ * LOPA-sa, plunderer, fox, jackal	LB=SLB سلب plunder ثعلب fox, jackal
L ₂ LUMB-ar, fox Hindi (m)	LB=SLB ثعلب fox
* TRA, protect, rescue	TR=STR ستر to cover ستر shield
L ₂ RUP-ya, silver	RP=SRP صريف pure silver, S lost
SILV-er, (SOLV) (SEREB-10) Eng.	SLF=SRF صريف pure silver, S retained
* RUPA, manifestation, sign	RP عرف to know معرف face (not prec.)
L ₂ GAI, to sing	G=SG سجع to coo, rhyme, S lost
SING, (n) Eng.	SG سجع to coo, rhyme, S retained
L ₂ * KYUT, fall, drop	KT=SKT سقط to fall اسقط drop
* para-CHUTE, fall, (Latin)	KT=SKT سقط to fall ساقط fall gradually
* DI, fly up, soar	D=SD صعد to ascend, go up
* DHAUK-na, offering, present	DK=SDK صدقة alms, dowry
TU, be powerful, prevail	T=ST سطا overpower سطوة might
PUT, bind together	PT=SPT ضبط bind w. rope

TRA, protect	TR=STR ستر conceal, cover
* DI, shine	D=Z ضاء shine
* DA, bind	D=SD شد bind
* a-sam-DI-ta, unbound	D=SD شد bind
* TIRA-ya, conceal	TR=STR ستر conceal
* TIR-ya, woman Hindi	TR=STR ستر conceal ستيرة chaste woman
* ISTR-i, woman Skt.	STR=ستيرة chaste woman (Root STR)
RAP, prate, whisper	RP=SRP صرف to squeak
* KRI-t, name, glorify	KR=SKR ذكر mention, praise (جود)
* PIYA, revile	P=SP سانه to revile
KU, sacrifice (cog. w. YAG)	K=SK ذكي to slaughter (a victim)
YAG, sacrifice	YK=ZK ذكي to slaughter
* KRI, remember, mention	KR=SKR ذكر remember, mention, fame
L ₃ * PAURA-na-MASA r/l	PR=PL حفل fill, حافل full
relating to full moon	MS مسح to measure (moon=measure of time)
PHAR=SPHAR, scatter	PR=SPR سفر to dispel, scatter
ni-GUR, scorching	GR=SGR سقر to scorch
SA-RAKA, with sun	RK=SRK شرق sun شاع with
RIF, utter grating sound	RF=SRF صرف to squeak (wheel)
REE, trickle	R=SR شر to leak out (water)
MA-ya, artifice, trick, witchcraft	MY=SMY سيميا magic, illusion
MAS (MA), moon, measurer of time	M=MS مسح to measure
MU-ka, dumb	M=SM صم become deaf
H ₂ * MU, fasten, close	M=SM عصم fasten, tighten صم close
* sa-TU-hina, wintry	T=ST شتا winter SA pfx.
* KAT-kri, mock, deride	KT=SKT سقط disgrace
* VI-LUMP-aka, robber (m)	LB=SLB سلب plunder
VI-LEP-ana, anointing	LP=SLP سلف to oil, to grease
L ₂ * KALU-ka, mouthful of water (root not known in Skt.)	KL=SKL زغلة mouthful spirted كلى كرتا
* ni-BH-a, like, resembling	BH=SBH شابه be like, resemble

L ₂ * KA, water	K=SK سقى to water
* AQUA, water	Eng. AQ=SQ سقى to water
DAKSHI-na, south	PUR=va, SDK صدق right PR=VR ورا before east i.e. east
When you stand facing the sun, south is on the right and east is before and west is behind cf. PACHCH-am, west PS=SP ثنا follow	
* cf. SOUTH (SUD)	Eng. SD سد right, true i.e. south
* cf. DA-yan, right hand (Hindi)	D=SD سد right, true
* DAKKAN, south	Hindi DK=SDK صدق right, i.e. south
* TV-as, strong, mighty	TV=STV سطوة might
VALA (VRI) enclose	VR=SVR سور to wall (enclose)
VAR-A, enclosing	VR=SVR سور to wall=enclose
* KYUT-a, fallen, dropped	KT=SKT سقط to fall اسقط to drop
H ₂ * BH-U, becoming, arising	B=SB اصبح become شبا be lofty
MUNDA, shaving of the head	MD=BD=SBD سبد to shave hair m/b
BHAD-an, shave the head	BD=SBD سبد to shave hair
L ₂ RINKH, go slowly, creep,	RK=SRK سروك walk sluggishly crawl رينكهنا (N)
RING. move slowly, crawl (n)	RK=SRK سروك walk sluggishly
RINKH-ana, crawling (n)	RK=SKK سروك walk sluggishly
H ₂ RINGI, motion, surging of waves	RG=راق to flow, be rippled (pool) حرك move
* RO-man, hair	R=SR شعر hair, man sfx.
* LO-man (RO-man) hair	R=SR شعر hair
* VAL-aya (VRI) bracelet	VR=SVR سوار bracelet
* VALA-ya-ita, encircled, put round the arm (bracelet)	VR=SVR سور to put bracelets to
H ₃ * BHA-va, becoming, turning into, behaviour, love, discreet man, arising pra-VR-in-MAYA resembling rainy season ud-DA-na, tying up	B=SB اصبح to become ثوب behaviour اصابة to love acuteness of mind شبا be lofty VR=وره be heavy w. rain (cloud) M=SM سيمة appearance, mark D=SD شد to tie UD, up
* VA=IVA, like	IVA=SVA سوا like, equal
METHA-na, abusive speech	MT=TM=STM شتم abuse
TAVI-shi, strength	TV=STV سطوة might
TU-yam, quickly	T=ST ستا to hurry, hasten
* ava-LIP-ta, anointed	LP=SLP سلف to oil, grease

a-VA-na, not dried up	V=SV صوى to dry up
APA-ra, west	AP=SP ثنا follow=behind=west
APA-ra, GALA-DHI, western ocean	prec. + (GL حجلا water D ودع deposit) ocean
GAL, drip	GL=SGL سجل to spill (a liquid)
GHANA, hard	GN=SGN ثخن be hard
GHANI-kri, make thick	GN=SGN ثخن become thick
1. MAYA illusion, deception	MYA=SMYA سيميا magic
2.* MAYA, consisting of, form	MYA=SMA سيمة mark, appearance
* VI-LOPA, robbery	LB=SLB سلب plunder
* VI-LUMPA-ka, robber (m)	LB=SLB سلب plunder
* VI-LOP-tri, robber, thief	LB=SLB سلب plunder, theft
* VI-LOPA-na, destruction	LB=SLB سلب plunder, negation
(b) Initial vowel stands for lost initial S or Z	
* ADHI, above	AD=SD صعد upper part
ANDH-A, blind, dark (n)	AD=SD سد blindness
* ATTA, room on top, tower	AT=ST سطح roof, top
H ₂ ADHI-ka, highest, excessive	AD=SD ساد to overtop زاد exceed
UTTAH-yin, rising	UT=ST سطح to raise
* UDI-ta, risen	UD=SD صعد to ascend
L ₂ * UD-atta, elevated	UD=SD صعد to ascend
* ASCEND, go up, rise Eng. (N)	SD صعد ascend. go up
* a-para-UDH-a, not strong	UD=SD شد to be strong
ANDH-ya, blindness (n)	AD=SD سد blindness
* UD-vat, height	UD=SD صعد to ascend
* UDA-yan rise, end	UD=SD صعد to ascend صعود top i.e. end
* UD-DA-na, tying up	UD=up D=SD شد to tie
* UBHA, both	UB=SB صحب to be companion
URA-GA, breast-goer=snake	UR=SR ضرع breast G جحا walk حجج go
UDH-an, udder, bosom	UD=SD ثدى breast, pap, mamma
AUDA-ka, aquatic	AD=SD ثدا to water nfv.
H ₂ * IR, move, throw	IR=SR ثار be moved ضرع to fell
UD-ak, water, moisten	UD=SD ثدا to water, moisten
pra-UDA-ka, moisten, wet	UD=SD ثدا moisten, wet
an-UT-tama, not+highest	UT=ST سطح to raise تم complete
RAPS-ad-UDH-an, having	RPS رفش to expand

a swollen udder	UD=SD ثدى breast, mamma
sa-ANDHA-kara, dark (n)	AD=SD سد blindness cf. سواد blackness
SUP-ta-UTTHI-ta, arisen f. sleep	SB سبج to sleep UT=ST سطع to raise
SAM-ud-ra, collect + water = sea	SM ثم collect UD=SD ثدا to water
SA-MUD-ra, sealed	SA شاع with MD مائدة circle, ring
* AT-ma = AT-man, soul, essence	AT=SAT ذات self, essence
UT-sa, source	UT=ST سطع to raise
* UD-an-YU, long for water	UD=SD ثدا to water Y=J جاع long after
H ₂ UD-an, water, wave	UD=SD ثدا to water صعد rise
UDA-ya-KALA, sunrise-mountain	UD=SD صاعد rising KL قوعلة hill
* UD-OG-as, extremely powerful	UD=SD صعد ascend OG=OZ عز power
L ₂ H ₂ UBH, knit, compress, bind	UP=SF سف to weave عصب to bind
WEAVE(HUPHE) Eng.	HP=SF سف to weave
KUNDI-ka, pot, jar (n) d/l	KD=KL قلة pitcher, jar
KUNDI-UDH-ni, jar-like udder	prec.+UD=SD ثدى teat
* UTTA-na, widespread	UT=ST سطح spread
L ₂ sa-ANDHA-kara, dark (n)	AD=SD سد blindness
ANDH-a, blind (n) Hindi	AD=SD سد blindness (nom. a)
H ₂ INV=IN, to urge, overcome	IN=SN سن to urge سنى ascend upon
* UD-U, star	UD=SD صاعد rising star
L ₂ UT, rise UTH-na, rise (Hindi)	UT=ST سطع to raise
* UT-TATA, overflow the banks	prec+TT=ST شط bank t/s
UT-tha, arising	UT=ST سطع to raise
UT-sa, source, fountain	UT=ST سطع to raise
1.* UD, up	UD=SD صعد to ascend
2. UD, well, moisten wet	UD=SD ثدا to water, moisten, wet
UDA, water	UD=SD ثدا to water
UDA-ka, water, ablution	UD=SD ثدا to water, moisten (غدق)
L ₃ IR, stir up, move, arise	IR=SR ثار be shaken, moved, rise
UR-na, to soar Hindi	UR=SR ثار to take its flight (bird)
غ SOAR, fly high Eng.	SR ثار to take its flight (bird)
UT-TAM, highest (tam sfx)	UT=ST سطع to raise

UTT-ama-GANDHA-ADH-ya	UT=ST سطع to raise GD ثداً
rich delicious fragrance (n)	good smell AD=VD ودع be wealthy
H ₂ UDA-ya, rising, breaking	UD=SD صعد to ascend ثده to break
UD-AG-ra, elevated top	prec.+AG اوج top
* UDA-GA, lotus=water-born (GEN)	UD=SD ثدا to water GN=ZN ضنى to beget
* UDA-nka, upward	UD=SD صعد to go up
* UDA-DHA-na, water-containing=reservoir	UD=SD ثدا to water nf.v.
H ₂ * UD-an, wave, water	D ودع to deposit دح fill
* UDA-DHI-ya, regarded as water or ocean	SD صعد to ascend ثدا to water
* UT-KALPA, spreading its tail i.e. peacock	UD=SD ثدا to water
* UD-GA-ti, coming forth	D عد to think
* IR, create	UT=ST سطح expand, spread
UTT-ama-ANGA, head (n)	KLP خلف behind=tail
UT-tara, higher, north	UD=forth G جاء to come
* UDD-ina, flying up	IR=SR ذرا create
* UPA-ma, comparison, likeness	UT=ST سطع to raise AZ عضو limb
* UPA-miti, similarity	UT=ST سطح to raise (northern mountains)
H ₂ UDH-as, udder, night	UD=SD صعد ascend, go up
* pi-DHA-na, covering, shut, stop	UB=SB شابه to compare, liken
H ₂ IR, go, rise, move	UB=SB شابه to assimilate
* pra-UDHA, mature, middle-aged	UD=SD ثدى breast سواد darkness
* pra-UDHI-bhu, reach maturity	D=SD سد screen سد shut, stop
* pra-UDHA-UK-ti, bold assertion (vak)	IR=SR سار go, ثار rise, be moved
UNN-ati, height, high rank	UD=SD اشد reach maturity of age
ILEPA, smearing, anointing	UD=SD اشد reach maturity of age + اصبح
UT-TRA, northward	UD=SD شدة vehemence, intensity
	BK بق to talk much, display
	UN=SN سناء height, high rank
	ILP=SLP سلف to grease, to oil
	UT=ST سطع to raise TR ظرة side

N B. UT refers to high i.e. chain of mountain on the north side of India. It means also left because north is on the left when you face the sun.

* UT-TARI-ya, upper covering	UT=ST سَطَعَ to raise TR=STR ستر cover
UT-TOR-ana, erect arch	raise+TR اَطَّر to curve وتر arc
UD-AHARA, fetching water	SD ثَدَا to water HAR=SAR سَارِي H/S walk with
UD-ak, northward	UD=SD صَعَد high i.e. mountain side)
UD-ank, upward, northward	UD=SD صَعَد upper part
UD-PAT-ra, pot of water	UD=SD ثَدَا to water PT=KPT كَفَت pot
H ₂ UD-iti, sunrise, sunset	UD=SD صَعَد to ascend UD=KD خَدَعَ set (sun)
UD-IKSHA, looking up	up+KSH قَشَعَ to see
UD-IR-ana, hurling i.e. pronunciation	up+IR هَار to hurl cf. لَنَظَّ to cast forth, لَفْظَ word
cf. BOL, speak pronounce	BL عَبَلَ repel, hence throw Hindi
ن SPEAK (SPREK) r lost Eng.	S-PRK فَرَّقَ pour out wards.
UD-GHOSHA, proclaiming aloud	UD=SD جَعَد above GSH جَبِشْ shriek
UD-DAL-ana, tearing out	DL=DR=RD هَرَد to tear
an-upa-ALABH-ya, not blame	ALB=SLB ثَلَبَ to blame
URAH-KAP-ata, broad chest K/S	UR=SR ضَرَعَ breast KP=SP صَفَحَ be broad
URAH-prati-PESH-am, breast pressing breast	ضَرَعَ+PR=VR وَا against PSH فَش to squeeze, press not
ARU-ni, dawn	AR=SR ثَوْر dawn-light
ARU-nya, redden	AR=SR ثَوْرَة redness of dawn
UT-PIDA, sudden rise	UT=ST سَطَعَ raise BD بَدَه sudden overtaking
* UPA-ma, similitude	UB=SB شَابَهَ to liken, assimilate
an-AT-ma-VA-t, not self- possessed	AT=SAT ذَات self V حَوَى possess+not
APA-ra, hinder=western	APA=SPA تَمَّا follow i.e. western
APA-ra-PAKSHA, 2nd half	APA=SPA تَمَّا follow=2nd SPK صَفْح side=½
* cf. SECOND (SEQUI) follow Eng.	SQ=QS تَمَّص follow
APA-rena, behind, west	AP=SP تَمَّا to follow i.e. be behind i.e. west

* APA-ri-DY-us, following day	prec. DY ضِيَاء sunlight=day
H ₂ L ₂ * AV-ya, of sheep, woolen, some-strainer	AF=SF صَوَف wool AF=SF صَفَى to filter
* SHEEP, woolly mammal	Eng. SP صَاف be laniferous (beast) صَوَف wool
* ADHI-ka, superior	AD=SD سَاد to overtop, to lead cf. صَعَد
* UD-ak-tas, f. above	UD=SD صَعَد to ascend
* UD-akya, being in water (K extensive)	UD=SD ثَدَا to flow, wet, to water (not غَدَق)
* UD-ak-AY-ana, north course	SD صَعَد high i.e. north YA=JA جَعَا walk
* UD-an-MUKH-ya, facing north	prec.+MK=LK لَقَا facing m/l
* UD-ayana, rise, end	UD=SD صَعَد rise صعود summit (i.e. end)
H ₂ UD-ara, rousing, exalted, noble	UD=SD شَاد raise سَاد overtop, be noble
* UDA-ra-krita, acting nobly	UD=SD سَاد be noble KR عَاتَرَ be occupied
* UD-ANA, rising air	N/R UD=SD صَعَد rise, ascend N=R رِيح air
* UDA-ra-ka honorific epithet of man	UD=SD سَاد be noble, glorious
* UD-IPA, inundation	SD صَعَد rise, ascend B عَب water
* UD-etavya, must rise	SD صَعَد ascend, rise
* UPA-ANTA, nearness of end	UB=SB صَوَب near انتها end
* UPA-aya, expedient, device, craft, approach	UB=SB صَوَاب convenience, judgement, intellect, attain
UP-EYA, (1) to be approached	UB=SB صَوَب near I=J جَاء come
UPA-UDA-ka, close to water	UB=SB صَوَب near SD ثَدَا to wet, water
L ₂ sa-UD-aya, with interest	SA شَاع accompany UD=SD سَدَى benefit
SOOD, interest, benefit, Pers.	SD سَدَى benefit
(C) Restore the middle S or Z	
ANI-man, thinness, subtlety	AN=ASN اصْعَن to be thin and subtle
AM, great	A-M=ASM عَظُم be great
ANU, delicate, subtle	A-N=ASN اصْعَن be thin, subtle
AN-vi, finger (ANU)	AN=ASN اصْعَن to be thin

* ALI, bee	A-L=ASL عسالة bee
(E) Restore final S	
* Prati-MA, counter-measure	PR=VR ورا opposite M=MS مسح to measure
L ₃ MA-yas, measureable	M=MS مسح to measure=MESS= مسح Eng.
MAICH, measure	Hindi MS مسح to measure
* pra-MA-na, measure	M=MS مسح to measure
* MA, measure, MA-tri, measure	M=MS مسح to measure
* MA, not	MA ما not
* MA, exchange	M=SM ساوم to bargain (change)
* MA, month	M=MS مسح to measure (i.e. of time)
MAH, month, moon	Pers. MH=MS مسح to measure, measure of time
A-MI-ta-OG-as, of immense power	A, not M=MS مسح to measure OG=OZ غر power
IM-MENSE (n)	Eng. im, not MS مسح measure
* MI-BHASH-itra, speaking measuredly	M=MS مسح to measure BS بث divulge
* MI-ta-UK-ti measured speech (VAK)	M=MS مسح to measure BK بق talk much, display
RAH, hasten, speed	RH=RHS رهص to hurry, urge
* OOH, conjecture, infer	OH=OHS احصي reckon, understand
* A-ME-ya, unmeasurable	M=MS مسح to measure
* SHAD-ya, born of six	SD=SDS سدس be sixth cf. سادی sixth, S lost
pra-KAYA (KI) pick, collect	K=KS قش pick, collect
(F) Change H into S	
* ATI-GAHA-na, unfathomable	GAH=GAS غاص to dive AT عتا exceed
* a-GOH-ya, not to be hidden	GH=GS غشى to conceal
MADHU-LIH, bee	MD=MZ ماذى honey LH=LS لس to lick
H ₂ GAH, thick, enter deeply	KH=KS كث be thick غاص dive
KUHA-ka, deceiver, Hypocrite	KH=KS غش to deceive, be hypocrite
* GA-DHA (GAH) deep	GAH=GAS غاص to dive
* GAH, dive, plunge	GAH=GAS غاص to dive, plunge

* GUH, cover, conceal	GH=GS غشى to cover, conceal
* GUH-ya, concealed	GH=GS غشى to conceal
* GUDDH (GUH) mystery, secret	GH=GS غشى to conceal
* GUH-ana, concealment	GH=GS غشى to conceal
H ₂ * GAH-ana, deep, lurking place	GS غاص to dive غشى to conceal
* GOH-A, hiding place	GH=GS غشى to conceal
GEHA, dwelling	GH=GS قصع to keep (home)
* VI-ana-HARA, conduct	HR=SR سار to go سيرة conduct
* VI-ana-HAR-in, proceeding	HR=SR سار to go
HAN, to raise	HN=SN سنى to raise
RAH-ana, secret	RH=RS رس to conceal
RAH-asya, mystery, secret	RH=RS رس to conceal
RAHO-GA-ta, to secret place	RS رس conceal G جحا walk
H ₂ غ LIH (RIH) lick (2 roots are not one)	LH=LS لس lick RH=RS رشح lick
* HA, depart, bound away, leap	H=S سعى to go, run
HA, leave	H=S اسى to leave
HI, set in motion, urge, incite	H=S حث to incite, urge
pra-HARI-ka, watchman, wakeful	HR=SR سهر wakefulness
* gi-HVA, caller=tongue (HU)	H=S صاح to call out g for y, pfx.
GEHA, house	nfv. GH=GS قصع to keep at home cf. house
AHA, day	AH=AS اشع spread rays (sun)
DAY (DAG) hot, bright time	DK=ZK ذكى be hot, blaze (sun) ذكاء sun
DIE-s, day	Latin DY ضياء sunlight
L ₇ HIMA, winter Skt., +Latin	HM=SM زام cause shivering (cold)
XEM-oi, winter, Greek	SM زام cause shivering
ZAM, winter, old Slav	ZM زام cause shivering
GAM, winter, Irish	GM=ZM زام cause shiver
ZYAM, winter, Zend	ZM زام cause shiver
H ₂ ZAM-istan, winter,	ZM زام cause shiver
H ₂ AG-ni-HO-tri, fire sacrifice,	AG اج burn fire H=HS حس slaughter
invoker	S صاح call out
DAUH-SIL-ya, badness of character	DH=DS داس fall in abasement
	SL=SR سيرة mode of life, course

* prat-sam-gi-HIR-shu, wishing to give up or free o's self f.	HR=SR سرح repudiate set free SH شاء wish
H ₂ HI, impel, urge, help	H=S حث incite, urge اسى help
AHI, snake	AH=AS عثاء snake
AHI-GANDHA, similarity w. snakes	AH=AS عثاء snake GD قيص alike (n)
VAH=VEH, endeavour	VH=VS وسع be active وسع extent, power
* upa-HAT-nu, assailing	HT=ST سطا assault
H ₃ upa-HVARA, near, neighbourhood, slope, secluded place	(v) HR=SR آصر be near, contiguous حار to incline حصار blockhouse
* prati-VIHI-ta, expressly enjoined	VH=VS وصية command, order
-UHA=USHA, hinder	UH=VS وعث to hinder
UHA-na, cessation, suspension	UH=VS وعث withhold
* PIR-ya-HI-ta pleasant and salutary	PR فرح please
H ₅ * VI-HAR-in, walking, extending, dependt on, enjoying, charming	H=SH صح to be safe and sound
* HRI, walk, expansion, pleasure, increase	HR=SR سار walk شرح enlarge سر rejoice ثر be plentiful
H ₃ VI-ava-HAR-in acting proceeding, trading	HR=SR ثار be moved سار walk شري buy and sell
H ₂ VIA-HAR-in, speaking, declare, inarticulate speech, exclamation	HR=SR صرح speak clearly, to explain صر to squeak, صر to roar (wind), cry
H ₂ * sam-IAH, desire, strive	H=S شاء desire سعى strive
* HA-ya, speeder=horse	H=S سعى run
AS-Va, runner, horse	S سعى to run
HI, pour, sprinkle	H=SH سح pour صاع scatter
IH, aim at	H=S ساو aim
* HU, call, invite	H=S صاح call out
* HU, invoke=HVA	(v) H=S صاح to cry, call out
* HU, calling	H=S صاح to call out
ge-H-va, caller, tongue	H=S صاح call out (g for y, pfx.)
H ₂ HU, sprinkle on, pour or cast into fire	H=S صاع to scatter i.e. sprinkle, سح to pour

HRI, to be ashamed, embarrassed	HR=SR شورة shame, confusion
HLI-ka (HRI-ka) ashamed	HR=SR شورة shame
H ₄ HRI, carry, sever, cut off marry, enchant, captivate	HR=SR سارى walk with صار to cut صهر be related by marriage سحر bewitch
HRI, be wroth	HR=SR ثار be roused (anger) ثائر anger
HRI, shame	HR=SR شورة shame

TONING UP of J OR Z

Changes of J or Z

Sanskrit alphabet does not possess the letter Z. Therefore, the Z sound is conveyed generally by G or J or Y or I. This is so because J, Z and Y are linguals and they interchange. J was written as I e.g., JOKE=IOC, JORDAN=IORDON. "Y is frequently written as I" (Skeat's Dictionary P. 772) hence the equation :

I or Y=J

L ₂ I, go (JA)	I=J ججا to walk حج go
I=GO (GEH-en) (GA) Eng.	GH ججا walk G حج go
ati-I-ta, gone	I=J حج go
apa-I-ta, deceased (cf. ذهب go, die)	AB هب away I=J حج go
pra-I-hi (I) depart	I=J حج go ورا beyond
H ₂ I, to go, come	I=J حج go جاء come
upa-YA-na, approach	Y=J جاء come UB=SB صوب near
ud-YA-na, walk about	Y=J ججا to walk
pra-AYA, going forth	VRA ورا before Y/J حج go
pra-I-ta, gone forward	ورا before I=J حج go
pra-AYA-na, departure	ورا beyond Y=J حج go
pra-AY-as, precedingly	ورا before Y=J حج go
RAYI, wealth	RY=RJ رجع render wealthy
pra-I-ti departure	I=J حج go+ورا beyond
YA, go, walk	Y=J حج go ججا walk
VI-AYA, going asunder	Y=J حج go V وهى break asunder
* AYA, going	Y=J حج go
* AYA-ti, future	(I) Y=J جاء to come
YA-t, moving	Y=J ججا to walk
* YA-tri, going	Y=J حج go

H ₂ * YA-ta-AYA-ta, going and coming	Y=J جاء come go
a-sam-UD-yana, not exerting	UD=JD جهد toil, endeavour
VI-Y-at, going apart	V وهي break asunder Y=J حج go
YA-ta, gone	Y=J حج go
ex-I-t (I) go out	Eng. I=J حج go
EX, remove, out	EX=EKS اقصى remove far away
H ₂ EN-as, sin	EN=JN جناح sin
misfortune	EN=ZN حزن sorrow (not حدث)
YA-tva, travel	Y=J ججا to walk
* YAT-na, exertion, effort	YT=JD جهد endeavour, toil
* UD-yama, exertion	UD=JD جهد toil, endeavour
* A-YUDDHA, uncombated	YD=JD جاهد to fight
* A-YODH-ya, not to be fought	A, not جاهد fight Y qualitative
* A-YUDHA, fighting against	= weapon A, against+prec.
* A-YUDHI-ka, armed	YD=JD جاهد fight (transf.)
* A-YODH-ana, fight.	YD=JD جاهد fight (euphonic A)
* YAT-I, striver	YT=JD جد effort
H ₂ * YAT, endeavour, be in line w.	JD جد endeavour جدة streak
* ya-YAT-I, striver	t/d YD=JD جد endeavour
* YUDH=JUDH, fight	YD=JD جاهد fight
* YUDHI-ma, warrior	YD=JD جاهد fight
* YUDH-SHTI-ra, steadfast in fight	YD=JD جاهد fight
pra-VAY-ya, fleetness	ST=SD وسد be fast, firm
* YU-YUT-sa, desire to fight	VY=VJ وج be swift, hasten
AYA, nurse Hindi+Eng.	YT=JD جاهد fight+S شاء desire to nurse
* YU-YUDHI, war-like	AYA=AJA عجا to put out (a child)
* YUDH-A, warlike	Y=Z زي like جاهد fight
* YUGHA-G-it, conquering	JD جاهد fight
in fight G/D	YG=JD جاهد fight
* YA-tri, going	G قوى overcome, overpower
* I-ti, going	Y=J حج go
SU-I-ta, going well	I=J حج go cf. ججا walk
* A-YA-ti, approach	S well I=J ججا walk
* abhi-YA-na, approach	Y=J جاء come
* AYA, income, access	YA=JA جاء come
* YU, desire	YA=JA جاء come
	Y=J جاج long for

* YA-ti, guidance	YA=ZA ازا before, in front
TRI-HAY-ana, 3 years old	TR وتر odd No.=3, HY=HJ حجة year
RAYI-mat, wealthy (RI)	RI=RJ رجع render wealthy
YAYU, horse (YU) swift	Y=J وج swift
L ₂ A-YON-I, lack beginning	A, not YN=JN جنة beginning
ن be-GIN	Eng. GN جنة beginning
RAY-in-TAMA, extremely wealthy	RY=RJ رجع render wealthy TM تم complete
* SAY-am SURYA, evening sun	SY عشية evening SRY=SRJ سراج sun
apa-YA-na, going away	AB هب away Y=J ججا walk
L ₂ AYA-vat, happy	AY=AJ حجاب rejoice cog. w. JOY
* apa-YODHA-RA-va, no longer/raising battle cry	apa, away f. JD جاهد fight R عر cry
IR-ya, to be urged on	IR=JR جر to drive
* upa-YAMA, marrying	YM=JM جمع to unite 2 things
ICE (IS) frozen water	Eng. IS=JS جس frozen water
YAT-I, disposer, ascetic	YT=JD جد to cut, be painstaking
* YAM-a, twin, forming pair	YM=JM جمع to unite 2 things
* YAMA-ka, double	YM=JM جمع unite 2 things
YAS=YESH, boil, bubble	YSH=JSH جاش to boil
A-YA-ti, unrestrained	A, not JA حجا prevent
H ₂ * YUP, obstruct, be invisible, efface	YB=JB حجب hinder access, to veil ZB ذب remove
* SURYA, sun (SVAR)	SRY=SRJ سراج sun SFR سفر shire
YA-tu (YA) attack	Y=J حاج dash هيج war
* IR-an, tyrant	IR=JR جور tyranny
* pra-IR-ka, urge, impel	IR=JR جر drive, drag
ANAYA, attracter=net	ANY=ANJ عنج draw
ANAYA-in, fisherman	ANY=ANJ عنج draw (i.e. net)
H ₂ * IRI-na, barren soil, stream	IR=JR جرة bare soil جرى stream
* SAM-I-t, coming together	SM ثم collect i.e. together I=J جاء come

When J or Z pass into I, they may be lost as shown below :

L ₂ * pra-sam-DHA-tri, recollector	D=JD وجد to find out a thing lost
* YAD, recollection, Pers.	YD=JD وجد to find lost thing
L ₂ * AT-ma, self	AT=ZAT ذات self

AUTO, self Greek	AT=ZAT ذات self
NI-YA-na, way=go	Y=J ججا to walk NI, pfx.
G-U, going	G حج to walk ججا go
MANI, pearl, jewel	MN=JMN - جما jewel
SRI, mingle, mix	SRI=SRJ شرح to mix.
MANI-ka, jeweller	MN=JMN - جما jewel
L ₂ ALLABA, noise, din	ALB=JLB جلب uproar
JUBILEE, shout for joy Eng.	JBL=JLB جلب uproar
L ₂ HLDAD, make cool	HLD=JLD جلد be frozen
	H=lost J
GELO, cause to freeze Latin	GL=JLD جلد be frozen d lost
GELU, frost, icy cold "	GL=GLD جلبد frost, ice, d lost
	I or Y=Z
YAG, sacrifice	YG=ZG ذكا to slaughter
AT-ma-YAG-in, self-sacrifice	AT=ZAT ذات self YG=ZG ذكا slaughter
YAG, sacrifice, worship	ZG ذكا slaughter (a victim) (transf.)
YAG-tara, worthy of sacrifice	ZG ذكا slaughter "
YAG-ur-VEDA, sacrificial texts	ZG ذكا slaughter VD وضع put, impose
H ₂ VI-AYA-na, depart, waste	Y/Z=YA زاع remove ضاع waste
YAG-ma, sacrificial rite	ZG ذكا slaughter
adh-YAT-mika	AD=AZ عزية relationship
relating to self	YAT=ZAT ذات self
YAG-ana, relating to sacrifice	ZG ذكا slaughter (a victim)
	AN عن for
H ₂ YU, to bind, push on	Y=Z وزا to tie هزا to drive
YAG-yu, worshipping	YK=ZK ذكا sacrifice, hence worship
YAG-na-ISA, lord of sacrifice	ZK ذكا slaughter IS غر be master
VASU-YU, possessing Wealth	VS وسع wealth Y=Z حاز possess
VI-YAT-ah, to kill	YT=ZT ذعط to kill
NI-YU-ta, fastened	Y=Z وزا to tie
H ₂ * VI- YAYI-kri, sacrifice, waste, squander	YY=ZY ضحية sacrifice ضيع to waste, squander
upa-YOK-tavya, to be enjoyed	YK=ZK ذوق relish TV=TB طاب palatable, fit
L ₂ * A-YUK-ta, unyoked (ZYG)	YG=ZG زوج to join, pair

* YOKE (ZYG)	Eng. ZG زوج join, couple
* A-YOGA, not a match	YG=ZG زوج to match
* A-YOGA, separation	A, not ZG زوج join
A-vi-para-YUK-ta, not severed	a, not (VI=not YG=ZG زوج join=sever)
N.B. YUK-ta, joined, vi-YUK-ta, not joined=severed+A not	
YAVA, limb	y/z YV=ZV عضو limb
ANG, limb (N)	G/Z AG=AZ عضو limb
* A-YOGA, team	(A, euphonic) ZG زوج to join
abhi-YUDA-YI-ka, cause prosperity	YD=ZD زاد supply provisions Y/J وجه cause
I, this	I=Z ذا this
YA-va, red dye	YA=ZA زها be red
A-YOG-anam mixed caste	YG=ZG زوج to mingle
YA-ti, as many as	YA=ZA زها amount
H ₂ * YA-tha, as, like	Y=Z از as زي like
I-tas, from this	I=Z ذا this
H ₂ * I-ti, so, thus	I=Z از as اذا thus
AGYA, permission, order	AGY=AGZ اجازة permission, license
N.B. one may be permitted to come or allowed (ordered) to go.	
H ₂ * IR-ya, watchful, strong	IR=ZR حذر caution ازر strength
* YA-d(YA) that	YA=ZA ذا that
YA-tha-IKSHA-na, as seen	Y=Z از as KSH قشع to see
YABH, have connection w.	YB=ZB اضب to cleave to
* YAKA-ta, beggar BEG=BZ	YAK=ZAK اضاق be destitute باذ be destitute
* YAK, entreat, beg	YAK=ZAK اضاق be destitute, hence beg
* VI-AYA, waste, squander	AYA=AZA اضاع waste, squander
H ₂ AYA-na, waste, departure	AYA=AZA اضاع waste YA=ZA زاع remove
YON-I, matrimonial	YN=ZN خاني prolific (woman) begetter
YON-I, holder, vulva, womb	YN=ZN حن hold fast
* YA, while	Y=Z از while
Yad, closely united w. Y=Z embrace	Z=J, DG زوج to couple
* YUG, join, embrace	ZG زوج join, couple

* YU, unite, join (J lost)	Y=Z=ZJ زوج join
N.B. YUG, YAD, YU is the	is the same word i.e. زوج
YU, drive away	Y=Z هزا to drive
L ₂ * YUK-ta(YUG) joined	ZG زوج to join
* YOKE, marriage tie, union	YK=ZG زوج to marry, join
pair of oxen (ZYG) Greek	to couple زوج pair
* YUK-ti (YUG) connection	ZG زوج to join
H ₂ YUG-ana, in company w.	ZG زوج to couple, join
preparing	YG=ZG=GZ جهز prepare
L ₂ * UI-ta, resembling	YI=ZI ضاهى resemble
* JIH-A, resembling Punjabi	JH=ZH ضاهى resemble
* YUGA, yoke, pair, couple	ZG زوج couple with زوج pair
YUGA-AmSU-BHUG (m)	ZK ذكى to slaughter (a victim)
enjoy share of sacrifice	AS حصة share BG بهج rejoice
* YU-ti, junction (J dropped)	Y=Z=ZG زوج to join
L ₂ * YOGI-ta, YOG-in, joined	ZG زوج to join
JOIN (ZUG) Eng.	ZG زوج to join
* YAUGI-ka, agreeing w.	ZG زوج to join, couple w.
derivation	
* VI-YOGA, separation	V وهي break زوج to join
YU-ka, louse	Y=Z, خطى louse, K extensive
YUK-ta-ka, little pair (ZYG)	YG=ZG زوج pair, k, diminutive sfx.
اصل YU-kh (YU) drive away	YK=ZK زعق drive away ↑ Y=Z هزا drive
* YU, tha, union, troop, (YUG)	YG=ZG زوج to join
* A-YUNGA, uneven, odd (N)	YG=ZG زوج pair, match A, not
* A-YUGA, without equal, odd	YG=ZG زوج pair, match A, not
H ₄ ni-YAMA, 1. restraint, 2. fixed	YM=ZM!1. زحم put in a strait
rule, 3. duty, promise, Vow	2. ازم tie
4. religious observance,	3. ذمة duty, compact conscience
	4. عزيمة duty imposed by God
ni-YAN-tra, held in check	YN=ZN زنا to put in strait a.o.
* PANKA-ava-YAVA, five	PK=KP كف hand (i.e. 5 fingers)
limbed	YV=ZV عضو lim
H ₂ sam-YAKKH-ana, curb,	YK=ZK ضاق to straiten (transf.)
guide	زهبق to walk ahead

TOUNING DOWN

K=H or A

KARODH, anger	KRD=HRD حرد anger
* GI-ta-KAS-in, conscions of	G قوى overpower KS=HS احس Know
victory	
* con-SCI-ous, knowing Eng.	S احس know, perceive
KAM, wish, love	KAM=HAM هام love passionately
L ₂ KAM-ana, enamoured	KAM=HAM هام love passionately
AMO, love Latin	AM=HM هام to love
KAMA, love, god of love	KAM=HAM هام to love, wish
KAMA-PALA, fulfilling wishes	prec. PL حنل to fill
L ₂ KAM-ya, amiable	KAM=HAM هام to love
AMI-able (AMO) love Latin	AM=HAM هام to love
KANTA (KAM) desired	KAM=HAM هام to love
KAM-am, at pleasure	KAM=HAM هام love
* KARS-ya, emaciation	KRS=HRS حرص emaciate
* KRISA, sickly	KRS=HRS حرص sickly
* KRIS, grow thin	KRS=HRS حرص be emaciated, thin
* KRASI-man, thin	KRS=HRS حرص be emaciated, thin
* AKHKHLA, greet kindly	AKL=AHL اهل to welcome
KRUDH, be angry	KRD=HRD حرد anger
KAPHA, phlegm	KPH=APH عنوة froth, foam
KRUD, to thicken	KRD=ARD عرد thick; hard
* KSIP-ra, quick	KSP=ASP عصف be quick
L ₂ A-GUSH-ta, unpleasant	GSH=HSH هش rejoice
KHUSH, cheerful (Persian)	KSH=HSH هش be cheerful
* A-DEVA-GUSH-ta,	a, not DV ذو light i.e. god
not pleasing to gods	GSH=HSH هش rejoice
GUSH, rejoice	GSH=HSH هش rejoice
GARUDA, gold, yellow	GRD=HRD هرد yellow dye
	Z or G=Y
* A-GI-va, lifeless	GI=YI حى life
* a-GI-va, livelihood	GI=YI حى life
* GA-ta-GI-va, life gone	GA ججا walk, go G=Y حى life

* GAG-ag-GI-va living in this world GAG-at (GA) living	GG جمعاء earth GI=YI حى life G=Y حى life (reduplicate)
L ₄ * GI-v, live	Skt. G=Y حى live
* ZI-s-tan, live	Pers. ZI=YI حى live
* ZOO, living	GK. Z=Y حى live nom.O
* JI-na, live Hindi	JI=YI حى live

PHONETIC EQUATIONS

In this part the following sound-shifts have been demonstrated. They are an admitted fact in philology. One of the 4 basic formulas has been applied to reconstruct the Arabic root :

G or J = Z	N = M	R = D	Loss of gh
D = Z	M = N	N = R	S = R
K = S	M = L	D = L	R = S
S = K	N = L	L = D	L = R
TH or T = S	L = N	D = J	R = L
S = T	D = R	Loss of D	U = F

G or J = Z

N.B. Sanskrit alphabet does not possess the letter Z. Therefore Z is generally replaced by G or D. The equations G=Z, D=Z illustrate this point.

GAUH, sun, sky	GH=ZH ضح sun, light of sun
JU=JAVA, haste	JF=ZF زف to hasten (F=V=U)
BHAG, share	BZ بعض share
A-KHANGA, not limping (N)	KZ خزعة lameness
A-GRI-hita, not seized	ZR اذرع to seize w. the arm
A-GRI-hiya, inconceivable	ZR حزر to guess, conjecture
AG-ra, front	AZ ازا in front, before
AG-ra-SAR-A, going before	prec.+ SAR سار to go, walk
* AG-ra-GA, going before	prec.+ G حج to go
GLA-ni, langour	ZL زحل to be jaded, slack
ANG-na, court, enclosed space (N)	AZ حوزة enclosure
* BHIK-SH (BHAG) share+ desire	BZ بعض share SH شاء desire

* EG-yata, trembling AG, to drive	EZ هز to quiver, to shake AZ هزأ to drive a beast
H ₂ AGA, herding, drover, he-goat	AZ هزأ to drive AZ=KZ غذى lamb
GANU-ka, bringing forth	ZN ضنى be prolific (woman)
GAR-A, lover, paramour	ZR طار to love nom A
GAR-A, GARBHA, pregnant by paramour	ZR طار to love GRB كرب to load اكر ب fill
YAR helper	Pers. YR=ZR آزر to help
OJAY, be strong	OZ عز be strong
PINJ, to sound	(N) BJ=BZ حبض to twang
PIJ, mix	PJ=PZ فضى mixture
* VIJ, shake, fear	VJ=FZ فزع be frightend, fear فز startle
VRAJ, proceed, pass away (time)	BRZ بزر set off بروز going out
* A-GN-a, ignorant	A, not ZN ظن to know
* A-GNA-ta, unknown	ZN ظن to know
L ₂ AGRA, field (euphonic A)	ZR زرع field
* AGRI-culture	Eng. ZR زرع to till land زراعة agriculture
CUL-ture, till KL خل to slit cf.	فالج split, till فالج split, till شق split till
a-sam-AGR-a, not full	A, not ZR وزر to fill up
L ₂ GARI-yas, dear g/z	ZR ضرى to be fond of طار feel love
DEAR, beloved d/z	Eng. DR=ZR ضرى to excite desire+ طار love
L ₃ GHOR-A, terrible	ZR ذعر to terrify
H ₂ GRAU, dread, dawn (German)	ZR ذعر fear ذر to rise (sun)
DAR, fear Hindi d/z	DR=ZR ذعر fear
GIM-uta, thunder cloud	GM=ZM هزيم thunder
* AGN-a, permission	AZN اذن permission
At-ma-GAN, knowing self	AT=ST ذات self ZN ظن to know
* an-AROG-ya, not sick	ARZ حرص sickly
L ₂ * ARGHA, price ارزیدن Pers.	ARZ عرض compensation
* ARGA-la, hindered	ARZ عارض hindrance
* sam-vi-BHAGA-niya, be distributed among	BZ بعض to divide sam-VI, pfxs.
* sam-vi-BHAG-in, sharing	BZ بعض share
* an-IGYana, not sacrificing	GY=ZY ضحية ewe offered as victim, sacrifice

YAG, sacrifice	y/z	YK=ZK ذكى to slaughter a victim
* A-BHAG-ya-mana, unsevered	BZ	بعض to divide بضع to split+not
* A-BHAG-a, shareless	BZ	بعض part, share, portion
abhi-GANA, race, descent	ZN	ضنو numerous offspring ذنو race
* abhi-GA-ta, well born (GEN)	GN=ZN	ضنى be prolific (woman)
ANGA, limb (n)	AG=AZ	عضو limb
L ₂ GAVALI-ta, ignited (v)	ZL	زلع to burn
* A-RAG-yat, not pleased (N)	RZ	رضى to be pleased
* A-RANG-it, dissatisfied (N)	RZ	ارضى to satisfy A, not
* A-RUG, not diseased	RZ	حرض sickly A, not
* abhi-anu-GANA, permission	ZN	اذن permission
JR, grow old	ZR	ذروة old age
* ARGA, be worth	ARZ	عرض compensation, profit
L ₂ * ARGHA, value, honorific gift	ARZ	عرض compensation عراضة gift
* ARZI-dan, to be valued Pers.	ARZ	عرض compensation (refers to barter)
L ₂ * AGRA-yana, offering of new seed	GR=ZR	زرع seed
* GRAIN (GRA-n-um) seed Eng.	GR=ZR	زرع seed
* AGHRI-ni, glowing JUR, shine	GR	زهر glisten زهر shine
GAR-GARI-ta, somewhat bruised	ZR	زرح to bruise
ANGA, just only (n)	AG=AZ	اذ while, since
a-GANE ya, of noble race	ZN	ضنو offspring, race
L ₂ UG-ra, terrible	UG=UZ	هزيمة fear
UG-ly (UGGA) to fear Eng.	UG=UZ	هزيمة fear
* a-GNA-pati, order	ZN	اذن order
a-RUG, breaking (euphonic a)	RZ	رضح to crush, break
* a-ROG-ya, not diseased	RZ	حرض sickly A, not
1.* IG-ya, to be honoured	IZ	عز to honour
2.* IG-ya, sacrifice	IZ	اضحاة ewe offered in sacrifice
KHANG, limp (n)	KZ	خزعة lameness
H ₂ JOOR, grow old, kill	JR=ZR	ذروة old age ظر slaughter
KHANG-A, lame (n)	KZ	خزعة lameness
KHANG-ya, lameness (n)	KZ	خزعة lameness
* GANI-ka, harlot	ZN	زنا adultery زانية harlot
H ₂ * GARH, blame, accuse, complain	ZR	زرى to upbraid, to blame
H ₂ * GAL, slip down, disappear	GR	جار to beseech, entreat
	ZL	زل to slip ذبل disappear

GAG-A, elephant	ZG	ضجة uproar (name after sound)
L ₂ * GANGA, treasury	GNZ	كنز treasure
* GANJ, treasury Pers.	GNZ	كنز treasure
* GUR-ana, blame, reproach	ZR	زرى to blame, upbraid
* GAR-a, swallow (GIL)	GR	جرع to swallow (not foll)
GIL, swallow	↑GL=ZL	زلع to globe, glut
* GAR-bh=GRAH, fruitful (tree)	GR=ZR	زهر blossom
GLA-i, weariness	GL=ZL	زلع to be jaded
GHA-t-a, killing	GT=ZT	ذعط to kill unawares
GHUMA-GHUMA-ya, to hum	GM=ZM	زم to buzz زمزم to resound
* an-abhi-anu-GNA-ta, no permission	ZN	اذن permission
ANG-an-EGAY-tva, trembling of body	AZ	عضو limb EZ هن shake
ANGA-BANDH-ana, snaring (n)	AZ	عضو limb BD ابيض fasten
ANGA-GA, produced f. body (GEN)	AZ	عضو limb GN=ZN ضنى beget
GAGH-ana, buttock, posterior	GG=GZ	عجز buttocks, hinder part
L ₂ GAN, beget	GN=ZN	ضنى to have many children (woman)
JAN-na, to beget Hindi	JN=ZN	ضنى beget
GANa, race, creature, man	ZN	ضنو race, offspring
GANa-ka, begetting=father	ZN	ضنى to have many children
GANa-na, bringing forth	ZN	ضنى to have many children i.e. beget
GAN-as, race	ZN	ضنو race, offspring
L ₂ GANA, birth, origin	ZN	ضنو race, (transf.) ضنى beget
GENE-r-ate, produce Eng.	ZN	ضنى to have children i.e. produce
GEN-us, race Eng.	ZN	ضنو race
L ₂ GANI-man, progeny, race	ZN	ضنو race, offspring cog. w. pro-GEN-Y
GANI-tra, birth place	ZN	ضنى to have children i.e. beget
GANI-tva, wifehood	ZN	ضنى to have children (woman)
GAN-ish-ya, yet to be born	ZN	ضنى to have children, beget
GAN-tu, offspring	ZN	ضنو numerous offspring
* VRAJ, go V/B	BRJ=BRZ	برز to issue بروز going out
H ₂ GAN-i, woman, birth	GN=ZN	ضانى prolific woman i.e. begetter
H ₂ GAG-dhi, eating, food	GG=GZ	قضا to eat غذا food
* GAG-a, warrior	GG=GZ	غزا to make a raid

GAMBH=GABH, snap at, seize (m)	GB=ZB اضبى to clutch, catch at
GAP, murmur, mutter, pray silently	GP=ZP عزف to hum, utter a faint sound
VIJ, distinguish	VJ=VZ وضع to be clear بضع split, elucidate
GALP, murmur (L)	GP=ZP عزف to hum, rustle
a-BHAG-ya-mana, unsevered	BG=BZ بعض to divide بضع split A, not
ABHI-GA-ta, well-born (GEN)	GN=ZN ضنى beget
JUR, shine	JR=ZR زهر shine
JAJJ-h, to splash, scatter	JJ=ZZ ذعذع seatter, shake
* GINV, hasten, quicken, stir (N)	ZV=ZF زف to hasten
L ₂ GANI, wife ZAN, wife Pers.	GN=ZN خاتمة prolific woman
GAP-a, muttering (speak low)	GP=ZP عزف to hum, utter a faint sound
GA-mi, related (GAN)	GN=ZN ضنو race
* GNA, know	GN=ZN ظن to know
L ₂ GVAL, blaze, burn (V)	GL=ZL زلع to blaze, burn JAL-na Hindi
GRAAY-as, expanse, space	GR=ZR ذرى courtyard
H ₂ GU, urge, further	G=Z هزا drive حجا propel
GA-ta (GAN) son, race	GN=ZN ضنو race, offspring
GHAM-kara, humming	GM=ZM زم to buzz
GHAR-GHARI-ta, bruised	GR=ZR زرح to bruise
L ₂ GHAMPHA, jump, leap (M)	GP=ZP زاف to leap
JUMP, leap (M) Eng.	JP=ZP زاف to leap
JN-an-V-at, possessing knowledge	V حوى possess JN=ZN ظن know
GHRI, sprinkle	GR=ZR ذر sprinkle
ni-KUNGA, thicket	KG=KZ غيضة thicket
* nai-RUG-ya, health	RG=RZ حرض sick+not
* para-RAG-as, free f. passion	RG=RZ حرض to excite ورا beyond
pra-GANA, procreation	GN=ZN 'ضن offspring, race
pra-GA, procreation (GEN)	GN 'ضن offspring, N dropped
L ₂ JAL, to cover Skt.	JL=ZL ظلة covering
GALL-ery, covered space Eng.	GL=ZL ظلة covering, awning

VI-GAGH-ana, hvg. large hips	GG=GZ عجز buttock
GAGHA-nya, hindermost	GG=GZ عجز hinder part of body
* pra-GAG-ra, waking, watching	GG=GZ يقظ be awake, wary
* pra-GNA, knowing	GN=ZN ظن to know
* pra-GNA-PARA-mi-ta highest degree of knowledge	GN=ZN ظن to know
pra-GVAL-ana, blazing	PR فرع to overtop G (V) L=ZL زلع to blaze
* prati-GANA, assent, promise	GN=ZN اذن permission (trans.)
prati-GAG-A, elephant	GG=ZG ضجة uproar (nfv.) name after sound
pra-GHUR-na, guest	ZR زار to visit زور to pay regard to (guest)
-AGA-ka, driver	AZ هزا to drive
-AGA-na, goad	AZ هزا to drive, excite
pra-TAR-GAPA, morning prayer, pray silently	TR طر shine (i.e. morning) GP=ZP عزف to hum, sing, mutter
prati-VIGHA-ta, warding off	VG=VZ زرا to throw off
* BHAG, lot, share	BG=BZ بعض share
* BHAG, distribute, allot	BG=BZ بعض to divide
* BHANG, split, break (N)	BG=BZ بضع to split, cut
H ₂ * BHAG-vat, possess a happy lot	BG=BZ بعض share بجمع rejoice V حوى possess
* BHAG-DE-ya, share, due	BZ بعض share D ادى to give, pay
* BHAGA-sas, in parts	BZ بعض share, part SS=KS قص cut
* BHAGI-ka, forming a part	BZ بعض share, part
* BHAGA-vat, relating to adorable one	BZ بعض share, lot, divide i.e. one who gives lot=adorable
BHAG-a, dispenser, lord	BZ بعض to divide, nom. A cf. قسام
H ₂ BHANG, split, bend (N)	BZ بضع split FZ حنض to bend
* BHAGI--kri, divide	BZ بعض to divide
H ₂ BHAG-ya, happiness, luck	BZ بجمع rejoice+بعض share
L ₂ * BHAG-ana, equivalent, representing	BZ بزو equivalent, equal
ANBAZ, equivalent, Pers (N)	BZ بزو equivalent
BHAG-ani-bhu, become a VASSAL of	BZ بعض share i.e. to fall wholly to another's share
BHU=BH=SBH اصبح become	BZ بعض SHARE (sharing)
* BHAG-IN, participating	RG=RZ حرض to wash
RAGA-ka, washerman	

H ₂ RUG, crush, break	RG=RZ رضح crush رض break
* ROG-A, sickness	RG=RZ حرص sick
* ROG-in, diseased	RG=RZ حرص sick
H ₂ L ₁ * JAK-sh, laugh, eat	JK=ZK ضحك laugh عزق eat
* JOKE, to laugh	Eng. JK=ZK ضحك laugh, joke
* VAG-man, eloquent	VZ وضح explain, be clear
* sam-anu-GNA-ta, permitted	GN=ZN اذن to permit
	to go
* SU-GN-A, knowing well	S صح well ZN ظن to know
GAG-A, elephant	GG=ZG ضجة uproar nfv.
APAGA, river	PAG=PAZ فاض to flow nfv, فيض river
UBJ, subdue	BJ=BZ بزا subdue
L ₂ KUJ, crooked	KJ=KZ كعج bend cf. غاج bend Pers.
JR, roar	JR=ZR زأر to roar
JR, sing, praise (GIR)	JR=ZR ازار to address praise to a.o.
JR, fasten	JR=ZR زار to bind
nir-NI-ta, ascertained,	RJ=RZ رخص
(NIJ) wash, cleanse	N/R to wash (clothes)
H ₂ A-GA-AG-ra (not walking=	A, not G جعا walk(, not
mountain) mountain top	walking=mountain) AG اوج top
H ₂ AG-ra, top, front	AG اوج top AZ ازا in front
AG-ra-ni, leading	AZ ازا in front
AG-ra-sas, f. beginning	AG=AZ ازا before
AG-ra-PADA, tip of foot=toe	AG اوج top i.e. tip قد tread=foot
AG-ra-ASA-na, eating before	AG=AZ ازا before AS هاس eat
* a-GI-ta, uninjured	G=Z آذى injure
* a-GI-ti, scathelessness	G=Z آذى to injure
* a-GYA-ni, intactness	GY=ZY آذى to injure, A not
abhi-GUR-ti, song of praise	GR=ZR ذرى to praise cf. ازار address praise to
GUNG, hum, buzz (n)	GG=ZG هزج to hum, buzz
GANGHI-ka, runner, swiftest-footed	GG=ZG زج to run (ostrich) (N)
nir-ARG-ala, unchecked	ARZ عارض thwart عارض hindrance
H ₂ RUG, crushing, disease,	RG=RZ رضح crush حرص sick
sickness	
VI-AKRA, manifest (ANG) (n)	G=Z وضح be clear

VI-ANGA, deficient in limb (n)	AG=AZ عضو limb
VI-ANG-ya, be made clear (n)	G=Z وضح be clear
upa-GAPA, to whisper	GP=ZP عوف to hum, rustle
GHAM-ga, roaring (of wind)	GM=ZM زامة wind, powerful voice
L ₃ * pra-GAG-ra, awaking	skt. GG=GZ يقظ be awake
* JAGAD-van, awaking (Gujrati)	JGD=YGZ يقظ be awake
* JAG-na, be awake, Hindi	JG=YG=YGZ يقظ be awake (Z apocoped)
* JAGR, be awake r/s	skt. JGR=YGS يقظ be awake
A-GANA-AGRI-ya	GN=ZN ضنو race (i.e. public)
unexposed to public gaze	GR جهر to disclose A, un
* A-GARA-A-MAR-tva, everlasting A, not	تحارة old age=not old i.e. youth
youth and immortality	A, not MR مر elapse=die i.e. immortal
ni-GRA-van, touchstone	GR=ZR ظر to sharpen (a stone)
* an-abhi-GA-ta, ignoble, low	G=Z عز nobility, AN, not
* an-abhi-GNA ignorant	GN=ZN ظن to know
* an-abhi-GNA-ta, not known	GN=ZN ظن to know
KAG-a, mallet	nfv KG=KZ قض to bray, to pound
AGIRA, courtyard	GR=ZR ذرى courtyard
VI-GANA, destitute of men	VI, without GN=ZN ضنو race
L ₂ WAG-er, bet	Eng. WG=WZ واضع to bet
VIG, stake at play	Skt. VG=VZ واضع to bet
KHAGA, churning, tumult	KG=KZ فزح to bubble up (pot)
H ₂ * ni-GRA-hya, injured, in-JURE	GR=ZR ضر injure JR=ZR ضر injure
oppressed	GR جار oppress
H ₂ ni-GRA-ha, seizure, restraint	GR=ZR اذرع seize عزر prevent, constrain
L ₃ * ni-GRABHI-tri, seizer	GRIP GRF غرقة handful GRiF-tan seize Pers.
* pra GNA, intellectual	GN=ZN ظن know
LAG-a, parched-grain	LG=LZ لذع to burn (a th.—fire)
* VI-GRI-hya 1. appearing	GR=ZR ظهر appear, go out
separately 2. aggressively	to shoot forth ظهر have upper hand
* abhi-anu-GNA, permission	GN=ZN اذن permission
GANI-tva, wifehood	GN=ZN خانی prolific woman
GANI-man, birth	GN=ZN ضني to have children

GAN-tu, offspring	GN=ZN ضن offspring
GANA-ma-KALA, hour of birth	GN=ZN ضنى to be prolific=beget
GAN-ya, belonging to race	KL لاخ pass time=time
SAM-AGRA, completeness of means	GN=ZN ضنو race
* GNA-pin (GNA) announcing	SM ثم collect i.e. complete
* GNA-tri knowing	GR=ZR ذرعة means
GEN-in, of noble race	GN=ZN آذن to inform
L ₃ * GURA, injury	GN=ZN ظن know
* in-JURE, harm	GN=ZN ضنو race
* AZAR, injury	GR=ZR ضر to injure
PAT-ad-GRA-ha, catching what falls	Eng. JR=ZR ضر to injure, harm
VI-AG, fan, whisk	Pers. ZR ضر to injure
VI-ANG-ana, ornament, manifesting, mark, token (n)	PT هنت to fall
pra-AGA-ka, driver	GR=ZR اذرع to seize
pra-AGA-na, whip	AG=AZ ازهي to move (a fan)
GHUR-ti, praise	G=Z زيا to adorn, to dress, in
* VI BHAGA, distribution	a garb زي appearance, dress garb
-VIGHA-ta, warding off	AG=AZ هزا to drive
	AG=AZ هزا to drive
	GR=ZR ذرى to praise
	BG=BZ بعض to divide+VI
	VG=VZ وزا throw off

D=Z

A-KHAND, indivisible (n)	A, not KAZ قاض to split
L ₄ KHAND, sugar, sprinkle قند (n) كهند	KZ قاض to sprinkle (sugar) CANDY
* A-KHANDI-ta, unbreakable (n)	KZ قاض to break
* ati-DUR-vaha, hard to bear	ZR وزر to bear, carry (burden)+عنا
* DHAR-ti, earth	ZR وزر to bear (burden) nfv.
* ati-DUR-manya-mana	AT عتا to exceed
grieving excessively	ZR ضرة distress
* ADAR, respect	AZR عزز to honour
* ADHA, then	AZ اذ then
* A-DRUH, not hurting (h)	ZR ضر harm, injury زرح to bruise
* A-DHAR-ya, not to be borne	ZR وزر to bear (burden)
adhi-BADHA, abuse, insult	BZ باذأ to abuse
A-DHAU-ta, unwashed	D=Z وضو to be clean, neat
DHUR-ti, injury, hurt	DR=ZR ضر to injure

DHR-it (DHRI) bearing	DR=ZR وزر to bear a burden
VAD-ya, to be blamed	BZ باذأ to blame v/b cf. وذا find fault
A-PIDA-yat, not exhausting	PZ فضى to be empty, void
H ₂ L*DHUR, burden, pole,	ZR وزر burden وزر bear burden=pole
highest position	ظهر peak
H ₂ DHURI-na, head, Chief	ZR ظهر زور master, lord
* DHUR-am-DHARA,	ZR وزر bear a burden
bearing burden, helping	ZR وازر to help
L ₂ * GHAND-ya, to be seized (n)	GD=GZ اخذ seize
* APPREHEND (HEND) grasp (n)	HD=KD اخذ seize (Greek)
L ₂ DRAP-sa, drop	ZRP ذرف to drop cog, w. DROP
BADDHA, tied	BZ ابض to fasten
BANDH-u, relative (n)	BZ ابض to fasten (i.e. connect)
L ₄ BANDH-ya, to be chained (n)	BZ ابض to fasten d/z
BIND, fasten (n) Eng.	BZ ابض to fasten
BAJJAHA, fastened Punjabi	BZ ابض to fasten j/z
BAS-tan, to fasten Pers.	BS ابض to fasten s/z
BUDDHI, understanding	BZ بضع to understand
A-BODHA, lack of knowledge	BZ بضع to understand افادة knowledge
A-BUDDH-A, foolish	A, not BZ بضع to understand
abhi-DHA, surrounding	D=Z حاز to enclose
DHA, to kindle fire (h)	D=Z حضأ to stir fire
L ₃ INDHA, to kindle (n) ايندهن	ID=IZ حضأ to kindle fire
HAIZ-um, fuel Pers.	HZ حضأ kindle fire
H ₂ * AD, eat, enjoy	AD=AZ عض to bite w. teeth حظ to enjoy
* ARDHA-KATHA-na,	ARZ عرض side=half KS قصة narration
incomplete narration	
H ₂ MAD, be glad, in a pitiable state	MZ مود merry مض to distress
A-VAD-ya, not blameworthy	BZ باذأ to blame
* ava-DHAR-ya, neglect, disdain	ZR ازرى to neglect, contempt
A-VIDDHA, unpierced	BZ بضع to split, to lance
H ₂ A-VID-ya, without knowledge	BZ بضع to understand+FD افادة knowledge
ATI-VIDHU-ra, very wretched	VD=VZ وذا to despise

* AD-DHA, in this manner	D=Z	ذا this D=Z وضع manner
* ADHA-ma, lowest	DX=Z	وضع to lower
* ADHA-ma ADHA-ma, lowest	D=Z	وضع to lower+lower of all
* ADH-as, below	D=Z	وضع to lower
* ADHA-ra, lower	D=Z	وضع to lower
* A-VIDH-ana, non-prescription	VZ	وضع to put down, to impose upon
* a-DHE-ya, to be put on a, on	D=Z	وضع to place put, impose upon
a-BANDH-a, bond, tie (n)	BZ	ابض to fasten euphonic A
ARD-ara, moist, wet	ARZ	اراض to water
ADHA-ra-UTA-ra, low+high	AZ	وضع to lower. UT=ST سطح to raise
* ADHR-a, needy	ZR	ضرة poverty, need
a-MOD-a, gladdening	MZ	مود merry
VYADH, pierce v/b	BZ	بضع to lance
* I-tas (ID-am) f, this	D=Z	ذا this
* ID-am-RUPA, having this form	D=Z	ذا this RP عرف to know معرف face
L ₂ * ID-am, this	D=Z	ذا this
* IY-am, this	Y=Z	ذا this
* YIH, this, (Hindi) (h)	Y=Z	ذا this
IDH=INDH, to kindle (n)	ID=IZ	حضا to kindle fire
L ₃ IDH-ma, fuel	ID=IZ	حضا to kindle fire
ATI-RUDHA, closely cohering	RD=RZ	رز to stick a th. into
* DYO-ta, beaming	ZY	ضيا sunlight (sun as god)
* RIDH, thrive, prosper	RZ	ارض to become luxuriant
* upa-DHI, conditions	D=Z	وضع to put down, impose upon
LUD, adhere cover	LD=LZ	لز adhere (hence cover)
H ₂ DHAUR-eya, at the head, beast of burden	DR=ZR	ظهور peak وزر to bear a burden
EDHA, kindling	EZ	حضا to kindle fire
L ₃ EDH-as, fuel (ENDH-an) Hindi	EZ	حضا to kindle fire nfv.
KUD-ala, spade, hoe	KZ	قاض to dig AL الة weapon
KHOD-na, dig Hindi	KZ	قاض dig
KOOD-na, to leap Hindi	KZ	قز to leap
VADH A, strike, thunderbolt	VZ	وهز strike and repel
BUNDHA, arrow i.e. split (N)	BZ	بضع split

ko-VIDA-ra splitting well	BZ	بضع to split
H ₂ KHAD, eat, destroy	KD	قضا to eat قضا to destroy
KHAD-ya eatable	KD	قضا to eat+قابليت يائى able
* ANN, food (AD-na)	AD	عض to bite w. teeth, d dropped
L ₂ * KHAN-na to cover (KHAD)	KD=KT	غطا to cover d dropped
KHA-na, to eat Hindi	K=KD	قضا to eat d dropped
* GHAD, to be captured	GZ	اخذ to seize
dag DHA (DHA) burned	D=Z	حضا to kindle fire
* DHAK-KHADA, teeth-cover=lip	ZHK	ضاهكة tooth غطا cover
* DA-t, DA-nt (AD-at) eater, tooth	AD=AZ	عض to bite w. teeth nfv.
* DA-nta-KKHADA, tooth-cover=lip	prec.+KT	غطا cover
DAS-ana-KHADA, tooth-cover=lip	ZS	ضهس bite w. teeth KT غطا cover
H ₂ DAVA (DU) forest fire DV دو	desert+D=Z	حضا kindle fire
DAH, burn	DH=HD	حضا to kindle fire
DA, cleanse	D=Z	وضو to be clean, neat
* DAR-IDR, Poverty	DR=ZR	ضرة poverty
DHOOR, kill	DR=ZR	ظر to slaughter
ARDHA, side, half	ARD=ARZ	عرض side (hence half)
cf. HALF, side	HLF=SLF	سالفة side (hence half)
side, half شط side half شطر	side, half صفق	side, half=(PAKSH)
H ₂ DIV, throw, radiate V/B	DV=ZB	ذب eject ذوا to light
DIP, flame, blaze K/B	DB=ZB	ذبا to burn (fire)
1.* DIV, tormented V/B	DB=ZB	عذاب torment
2.* DIV, radiance	ZV	ضو light, brightness
* DI, shine	DZ	ضاه shine
* DURI-ta, harm, distress	ZR	ضرة distress, harm
* DE-va, shining	D=Z	ضاه shine
DAI, purify	D=Z	وضو to be clean
* DYO, glow, sky, day	ZY	ضيا sunlight
* DY-ut, shine	ZY	ضيا sunlight
* DY-ut, splendour	ZY	ضيا light
* DYU-ti, radiance	ZY	ضيا sunlight
* DYU-t-ya, flash	ZY	ضيا light
DUH, milk	ZH	وضح milk
* DYO-tis=GYO-tis, light	GY=ZY	ضيا light

H ₂ DRUH, hurt, injure	ضر injure	ZRH زرح to bruise (a limb)
H ₂ * in-JURE	Eng. JR=ZR زرح bruise	ضر injure
* DVA, two	DV=ZF ضعف double	
* DVA-ya, double	DV=ZF ضعف double	
H ₂ DHUK-sh, kindle, fatigue	DK=ZK زخ burn	زحك be jaded
* DE-va-IDDAAH, kindled by	DZ=ZU ضو light (sun as god)	حضاً kindle
	gods	
DAS-ana, tooth	DS=ZS ضيس to bite w. teeth	nfv.
DASH-ta, bite	DS=ZS ضيس to bite w. teeth	
DAmS, bite (M)	DS=ZS ضيس bite w. teeth	nfv. tooth
DHARA-ni, mountain	DR=ZR وزر lofty mountain	
* DHARA, bearing, holding	DR=ZR وزر to bear, carry	
* DHARI-man, balance	DR=ZR وزر burden cf. راز to weigh	
* DHARI-ni, earth, supporter	DR=ZR وزر bear burden	
* DHAR-n-si, strong	DR=ZR اوزر strengthen	ازر strength
* DHARI-tri, earth, supporter	ZR وزر to bear burden	
* DHARA-A-MARA, god	ZR وزر bear burden=earth	
on earth=brahmin	A, not مر to pass away (not dying)	=god
* DHA, put, place	D=Z وضع to place, put	
DHAV, cleanse	DV=ZV وضو to be clean	
DHAV-ka, washerman	DV=ZV وضوء to be clean	
H ₂ * DHU, shake, stir, excite	D=Z هز shake (wind-plants)	هزاً excite
* DHR-a, bearing	DR=ZR وزر to bear	
* DHRI, bear, carry	DR=ZR وزر bear, carry	
L ₂ * DHURV, shaking	V/B ZRB ضرب throbbing	
* THROB TH/S	Eng. SRB ضرب throbbing	
* DHURV, injure	DRB=ZRB ضرب strike, beat	
NADI, river	ND=NZ نر to flow (water)	
NAND, joy, son (N)	ND=NZ نزه to cheer	
NADI-KULA, river bank	KL river bank + نر flow	
DHAV-alya, whiteness	DV=VD وضج whiteness	
H ₂ * DHI, gladden, satisfy, fill	D=Z حظ enjoyment	وزا to fill
H ₂ * DHUK-sh, kindle, inflame,	DK=ZK ذكى to blaze	زكى increase
increase		
H ₂ * DHA-ta (DHAR-tra) weigher,	ZR وزر burden	ازر waist wrapper
lion cloth		
H ₂ * DHAR-a, bearing, wearing	ZR وزر to bear	ازر to clothe

* DHUR, burden	ZR وزر burden	
* DHARI-ka, support, pillar	ZR وزر to bear burden	
H ₂ * DHAR-ya, be borne or worn	ZR وزر bear	ازر to clothe
* DHUR-am, DHARA, bearing	ZR وزر to bear	زر burden
	burden	
H ₃ * DHUR-ya, trained to	ZR وزر to bear burden	
bear burden=chief, first	زر chief	ازر root, beginning
* DHUR-ti, injury	ZR ضر to injure	
* DHUR-VODH-ri, beast of	ZR وزر burden	VD=BD ابدء wild
	burden	beast
* DHRI-ti, firmness	ZR زور resoluteness	
prati-BUDDHI, knowlege	BZ بضع to understand	افادة knowledge
-BHEDA, severing	BZ بضع to cut, split	
* RODDH-ri, opposer	RZ اعرض عن to oppose	
pra-BHEDA, cutting through	BZ بضع to cut, lance	VRA ورا through
+piercing		
ADHRA, arm	DR=ZR ذراع forearm	
BADH, be loathsome	BZ بدأ to loathe, despise	
H ₂ BUDDHA, wise, ready wit,	BZ بزع be wise, witty	بضع understand
understand		
BOD-dhavya, to be understood	BZ بضع understand	
KULA-DHUR-ya, bearing	KL كل family	
burden of family	DR=ZR وزر to bear burden	
H ₃ * BODHA, understand, awake,	BZ بضع understand	بعدة wariness
indicate	BD بدا be manifest	cf. بضع be clear
BHID, split, cleave, pierce	BZ بضع to split, to lance	
BHIDU-ra, capable of being	BZ بضع to split	
cleft		
DYEE, despise	D=Z وذا despise	
BHN-na (BHID) stab	BZ بضع to lance, d dropped	
* ANN, food (AD-na)	AZ اعض to bite w. teeth, d dropped	
* KAN-na, cover (KHAD)	KD=KT غطا to cover, d dropped	
H ₂ MAD-ya, gladdening, wine	MD=MZ مود merry	ماذية wine
H ₂ MADHU, honey, liquor	MZ ماذى honey	ماذية wine
MADHU-ra, sweet	MZ ماذى honey	
* MADHU-RASA, honey juice	prec.+RS=SR عصير juice	
MADHU-LIH, hvg. sucked	MZ ماذى honey	LH=LS لس to lick
honey		

MADH-us, sweetness	MZ ماذى honey
MADHU-ka, bee	MZ ماذى honey, k attributive
MADHU-UKKI-shta, remainder of honey	prec. + UK = US اسى to leave k/s
H ₂ MADHU-ra, wine, charm (delight)	MD=MZ ماذية wine مود merry
MADHI-vi-ka, gatherer of honey	MD=MZ ماذى honey V وعى to gather
MADA-ka, intoxicating	MD=MZ ماذية wine
H ₂ MADA, intoxication, pride	MZ ماذية wine مزى become proud
BI-BHAT-sa (BADH) loathe	BD=BZ بدأ to loathe
MUD, be merry	MZ مود merry
MUD-ra, joyful	MZ مود merry
RADH, become subject, deliver a.o. in the hand of	RZ عرض to be in the power of, عرضل come within reach
H ₂ RADA, splitting, gnawing	RD رند راضعة tooth vfn.
* RADH-ra, willing	RZ رضى to be pleased, obedient
L ₂ RAD, scratch, rend	RZ هررض mange, to rend cog. w. REnd
L ₂ * RADH, be happy, succeed	RZ رضى be pleased (transf.)
* ARRIDE, please Eng.	RZ رضى be pleased
1.* RUDH, obstruct	RZ عارض thwart عارض hindrance
H ₂ 2.* RUDH, grow, sprout grow	RZ ارض to bring forth herbs (soil)
LUD, agitate, confute, stir	LZ علز be restless, disquieted
* VRIDAH, old v/f	FRZ فرض to be old
1. VID, understand v/b	BZ بضع understand
2. VID, gain v/f	FD فاد accure benefit
* vi-DY-ut, shining	ZY ضياء light
* vi-DYO-ta, flashing	ZY ضياء light
VIDH, pierce v/b	BZ بضع cut, lance, split
VIDHU, moon	VZ وضع moon
* VIDH, pay homage to	VZ وضع be humble, lower
H ₂ sam-DHUK-shana	ZK زخ burn w. anger
inflaming (anger), kindling	ZK زخ burn SH شاء desire
di-DHAK-SHU, desire to burn	ZK زخ burn SH شاء desire
DIP-ta-OG-as, fervent energy	ZB ضيا to burn OG=OZ عز power
vi-BUDDHA, very wise	BZ بزع to be intelligent
1, VIDH-U, isolated	BZ بضع to split cf. بد to separate

2.* vi-DHU, beat (of heart) (DHU)	Z هز shake
VIDH-ra, bright=sky	VZ وضى bright
VID, firm, fasten	VZ وزأ to tie up
sam-RADHA-na, gratification	RZ ارضى to satisfy
sam-IDHE-na, kindle	IZ حضأ to kindle
L ₃ sam-DOHA, milking دوختن-دهنا	DH=DK ضك to press, squeeze (نخطمه)
* sam-DHA-ya, putting together	Z وضع to put, place SM ثم collect
* sam-DHA, union, agreement	Z وضع to put ثم collect
* sam-DHI, union (DHA)	Z وضع to put+ثم collect
* sam-DHI-tsu, wishing to conclude alliance	Z وضع to put+ثم collect i.e. put together+S شاء to wish
1.* SU-DHA, good position	S صح good D=Z وضع posture
2. SU-DHA, good milk= nectar	S صح good D=Z وضع milk
* SU-DHI-ta, well-set	S صح+وضع to place, put
SU-BADDHA well-bound	S صح well BZ اض to fasten
SU-RADH-as, bestowing good gifts	RZ عراضة gift+صح good
su-VIDI-tta, well-known,	VD=FD افادة knowledge+صح well, sound
su-VID-ya, good knowledge	VD=FD افادة knowledge صح good sound
* SU-VIDHA, good kind	VZ وضع manner+صح sound
* ADHC-DHA-h, lower and lower	D=Z وضع to lower D وضع to lower
A-DHRA-na-ka, intolerable	DR=ZR وزر bear burden
Eng. A, not	
TOLE-r.ate, lift, bear	Eng. TL تل to lift, carry (weight)
A-DHAR-ya, not to be borne	DR=ZR وزر to bear (burden)
an-abhi-DRO-ha, not insulting	DR=ZR ازرى contemn, disparage
ni-DAGHA, heat	DG=ZG ذكى be hot (sun)
nir-AKARANDA, unprotected	KRD=KRZ كرز seek refuge; hide, o's. self, (n)
DHAR-ani, supporter, earth	DR=ZR وزر bear, carry (burden)
DHARI-na, bearing	ZR وزر bear
DHAR-tari, preserver	ZR اوزر preserve
DHAR-man, bearer	ZR وزر bear burden

H ₂ DHAR-man, usage, custom, support	DR دهر custom ZR وزر bear burden
K=S	
"S was written as KH e.g. Santos=Santokh" (Turner's Nepali Dictionary P. 113)	
L ₂ * KUTA, top * A-KAR-a, immovable	चोठी KT=ST سطح roof, top KR=SR سار to go, walk moved
TARU-KKH-aya tree shade	TR طر to grow (plant) K=S شعاع shade
* ATI-KARA, transgression	AT عتا to exceed KR=SR سار to walk
* an-IKKH-at, not wishing	K=S شاء to wish
* KR-anya, bewitched	KR=SR سحر to bewitch
* ANU-KAKKH-am, on every bank	KK=KS قضا bank
ANU-KANK-sh-in, eager after (n)	KK=SK شوق yearning عن after
* KHAT-ra, umbrella	KT=ST سطح roof
* a-pari-KRA-ma, unable to walk	A, not PARI pfx. KR=SR سار to walk
KANK-sha longing (n)	KK=SK شوق yearning
* A-RIKH-tya, not to inherit	RK=RS ارث to inherit
SIKH-sha, learning	SK=SS ساس to train
H ₂ a-KAR-a, to scatter, bestow, plenty, origin	KR=SR ثر to scatter, give plentiful
* a-KARA, to shape, make	KR=SR صور to shape
KHIL, glean	KL=SL سحل to peel
L ₂ A-KINTA, senseless (n)	KT=ST سطح perceive=by smell
SENSE (SENT) perceive (n)	ST سطح to perceive LATIN
A-KET-ana, thoughtless	KT=ST سطح to perceive
* a-KAR-ana, calling up	KR=SR صر to cry
* A-KARA-vat, shapely	KR=SR صورة shape
* a-KARI-ta, having the form of	KR=SR صورة shape
a-KIR-na, (KRI) scatter	KR=SR ثر to scatter
H ₂ * a-KRA-ma, stepping up, attack	KR=SR سار to go, walk assault
L ₂ * SOR-tie, sally esp. of beleaguered garrison Eng	SR سار to scale (a wall) to assault, assail

H ₂ * a-KR-anti, treading, ascending	KR=SR سار to walk to scale (a wall)
KANK, go (N)	KK=KS قش go away
H ₂ * a-KAR-ana, arrival, conduct	KR=SR صار to reach سيرة conduct
* KARA, behaviour	KR=SR سيرة way of life
* a-KAR-ya, to be gone to, teacher	A, to KR=SR سار to go, y qualitative
* IKKHA (ISH) desire	K=S شاء to desire
* IKKH-U, desirous	K=S شاء to desire, nom. U
KAKHA, bank	KK=KS قضا bank
KATI, hip	KT=ST سته buttocks
* KATTH, boast	KTT=STT شطط extravagant lie
L ₂ KADA-na, slaughter	KD=SD سدع to slaughter
-CIDE, slaughter Eng.	CD سدع to slaughter
* KAN, shine	KN=SN سنا to shine
* KAR-in, fashioning, making	KR=SR صور to shape out
A-KANDA, not impetuous (N)	KD=SD شد to be intense
A-KARA, immoveable	KR=SR سار to go, walk moved
A-KALA, immoveable=mountain	KL=SR ثار be moved+سار go
NA-GA, not walking=mountain	N نهى not GA ججا to walk
* KAKU, cry of grief	KK=SK صاخة noise, calamity
KANK-sh, desire (N)	KK=SK شوق yearning
* KAR-ya, to design, perform	KR=SR صور to shape out
KIR, scatter	KR=SR ثر to scatter
KU, bad	KU=SU سوء bad
KUK, to contract	KK=KS كش to shrink
L ₃ KUKA, female breast	KK=KS قص breast
CHUCHI, breast Hindi	KS قص breast
CHES-t, breast Eng.	KS قص breast
CHES-t, box Eng.	KS قشوة basket (primitive box)
KARK-asa, rough, hard	KRS جرش to scratch
KRI, fashion, make	KR=SR صور to shape
L ₂ * KEYURA, bracelet	چوڑی bracelet KR=SR سوار bracelet SR سوار bracelet
KOK-a, shrinking	KK=KS كش to shrink
* KRAY, to purchase	KRY=SRY شري to purchase
* KRAY, ana, purchase	KRY=SRY شري to purchase

*KRI-ya, making, performing	KR=SR حور to shape a th.
* KRI, to buy	KRI=SRI شري to buy
* KRE-tri, buyer	KRE=SRE شري to buy
KHAK, to shine	KK=SK شق to gleam
* KHAD, be firm, hard	KD=SD شد to be hard
abhi-KAR-mana, going to	KR=SR سار to go
a-KARA-vat, shapely	KR=SR صورة shape V حوى have
H ₂ * KHARG, to creak, Scream, crack	KRG=SRG صرخ to shriek, scream خرق crack
H ₂ * KHAL, waver, be smooth	SL=ESL غسل to quiver سهل smooth
KHAL-KHALA-ya, ripple	SL=ESL غسل to be rippled
KHALA-ti, baldness	KL=SL اصلع bald
* KRI, make, produce	KR=SR صور to shape out
KANKA, basket (N)	KK=KS قشوة basket
L ₂ KHALA, battle	KL=SL حال attack cog w. ASSAIL
KATUR-ta, craftiness, cleverness	STR شطر to be artful, clever
KAR-A, moveable	KAR=SAR سار to go ثار be moved
* KARA-na, foot=goer	KAR=SAR سار to go cog. w. CHAR-an, foot
H ₂ * KARA-KARA, moving, running	SR ثار be moved سعر run
* KARI-ta, foot, going	SR سار to go
KAR-kriti, renown	SR شهرة fame
* KARA-man, that which spreads out=leather	SR شرح to spread cf. سير leather
KARA-man shoemaker	(see above) KR=SR شرح to spread
* KAR-ya, to be purchased	SR شري to purchase
H ₂ * KAR-sha-ni, moving, flowing	SAR ثار be moved سار be current
L ₂ KAP-eta, slap CHAP-at slap	SP سنع to slap+كف slap
H ₂ * KARA, motion, prison	SR سار to go اسر to imprison
KARI-ka, servant-girl	SR سرية female slave
pra-KAR-a, strewn along	SR ثر scatter
pra-KHAR-ya, sharpness	SR اشتر sharpen
* pra-KAND-ya, vehemence	KD=SD شدة vehemence (N)
H ₂ pra-KUR-ya, abundance, plenty, currency	KR=SR ثرا increase, be plentiful سار be current
H ₂ * KARA-na, strolling, cattle driving	SAR سار to walk سرح to drive cattle
* KARI-tra, course of action	SR سيرة way of life

L ₂ * KAR-U, pleasing	SR سر to rejoice
* CHEER, gladden	Eng. SR سر to cheer up, rejoice
* A-RIKH-tya, not to inherit	RKH=RS ارث inheritance
KHUKHU-nd-ra, musk rat	KK=KS قمع to furrow earth (mole) nfv.
cf. فار to dig earth	فار rat, mouse nfv.
KAR-a, moveable	KAR=SAR ثار be moved سار walk
* KARA-na, foot=walker, conduct	KAR=SAR سار to walk سيرة way of life
H ₂ * KARA-KARA, move, run	SAR ثار be moved سعر to run
* KARA-ya, to be practised, conduct	KR=SR سار to be current سيرة conduct
KAR-sha-ni, moving, flowing	SAR سار to be current
KUT, peak	KT=ST سطح roof, top
ni-KOKA, contraction	KK=KS كش to shrink
* pra-AKAR-ya, teacher=be gone to	KAR=SAR سار go, Y qualitative
* pra-KIRA, enclosure	KR=SR صيارة enclosure
H ₂ sam-KOKA, shrinking, drying	KK=KS كش to shrink قش to dry
A-RIK-thiya, incapable to inherit	RK=RS ارث inheritance
* ava-KKHEDA, piece cut off, distinction	KD=SD صدع cut asunder, divide صدعة piece صدع to manifest, divide
H ₂ KHIKHA, tuft, crest	KH=K=KS قصة lock of hair SK شيق top
KHRI-ta, uplifted (SRI)	KH-R=SR سار climb ثار rise
KHET-tri, destroyer	KH=T=ST سحت destroy
* KHRA-ya, rise (SRI)	KH=R=SR سار climb ثار rise
KARKA-sa, rough	KRK=KRS خرش to scrape
* KUTTI-na, levelled floor	KT=ST سطح to level
L ₂ KIPI-ta, flattened	KP=SP صفح to flatten
CHAP-ta, flat Hindi	SP صفح to flatten
1. * KHAD, appear, seem	KD=SD صدع to manifest
KHURK, scratch Punjabi	KRK=KRS خرش to scratch
KHAJ, KHUJ-li, itch Hindi	KHJ=SJ سحج to scratch
KHOJ, track ,,	KHJ=SJ سحج track
KAKH, straw Punjabi	k-KH=KS قش straw
san-TOKH (san-TOSH) console	TKH=TS تاشي console

KHUT, torn off, pulled	KT=ST شطى to skin, cut up
KHOT-ana, snap, cut off	KT=ST شطى cut up
* KHED-ana, cutting	KD=SD صدع cut asunder
KANK- at, comb (N)	KK=SK اشقى to comb
VIP. inwardly shaken=inspired	VP وهف to shake
VIP-as-KIT, knowing	
	inspiration prec.+KT=ST سطم perceive
L ₂ ANKHAYA, mingle (N)	AKH=AS هوش to mix up
HOTCH, mixture Eng.	HS هوش to mix up
A-KAKI-ta, not tottering	KK=SK صك totter
A-TAR-U-KKHA, without tree	ط to grow (plant) KH=S شعاع shade
uk-KHET-tri, destroyer	KT=ST سحت destroy
uk-KHOTA, inflation	KT=ST شحط to fill
uk-KHIKA, with erect crest	KK=SK شيق peak UK اقعى rise high
uk-KHRA-ya, rising	KR=SR ثار to rise
uk-KHRINKHALA, unfettered	KHRKL=SRKL شر كل entangle (n) +UK, above, not
SHACKLE, fetter Eng.	SHKL شكال <i>shackle</i> , entangle
upa-SIK-sha, eagerness to learn	SK=SS ساس to train SHA شاء wish
L ₂ غ KAR-ma, working in leather	KR=SR سير leather ↑ شرح spread
CHIR-m, leather Pers.	SR سير leather m sfx.
غ KAR-ma-ava-KART-in	KR=SR سير leather
leather-cutter	KRT قرط to chop, cut
KAR-ma-PAT-ta, leather strap	سير +PT عنيت to twist (i.e. to strap)
KAR-ma-BANDHA, leather strap	prec.+BD ابض fasten (n)
L ₂ KAR-ma-BHAS-trike, leather pouch	prec.+FS حفص pouch
POUCH, small bag Eng.	PS حفص bag of leather
KAR-min, covered w. hide	KR=SR سير leather
* KAR-ya, be practised, roam	KR=SR سار be current, walk
H ₂ KAR-sha-ni, moving, men	KR=SR ثار to be moved سار walk
KAR-sha-ni-SAH, ruling men	SAH=SAS ساس to rule +prec. (كاح) (not)
H ₂ KI-KIT, knowing, shining	KT=ST سطم perceive, spread (rays-sun)
(KIT) perceive	KT=ST سطم perceive

L ₂ * KUL-li, fire-place	KL=SL صلا fire
* CHUHL-A, fire-place Hindi	SL صلا fire nom. A
* IKKHA (ISH) wish	KH=SH شاء wish
prati-IKKHA-ka, receiver	KH=SH شاع to fill
L ₂ * vi-ava-KHEDA, severance, excluding, distinction	KHD=SD صدع cut asunder, split, to manifest
* SUND-er, sever Eng. (n)	SD صدع cut asunder
* re-SCIND, cut Eng. (n)	SD صدع cut asunder
* KHYA, reckon, number	KHY=SY احصى reckon, number
* uk-KANDA, very violent, strong (n)	KD=SD شد be intense (اشتمد) be violent شد strengenth
ut-KHE-sha, remnant	KH=S اسى to leave a th.
ut-SE-sha remnant	S اسى to leave a th.
uk-KHIR-shana, keeping head high (SIRA) head	UK اقعى rise high
* RIK-ta, property left	KHR=SR سرأة summit i.e. head
* RIK-thin, inheriting	RK=SR ارث inheritance
* a-vi-KARA, undisfigured	a=un-vi=dis, SR صورة shape
* a-vi-KRI-ta, not mishapen	a=not vi=mis SR صورة shape
a-vi-KRI-yata, no change A, not	KR=SR صار to change vi arbitrary pfx.
* a-vi-KRI-ta, not having sold	KR=SR شرى to sell
* KIR-I poet, bard	KR=SR شعر poetry
KIR-taya, proclaim	KR=SR شهرة publicity
KIR-ti fame	KR=SR شهرة fame
* a-sam-KHYA, innumerable	KH-Y=SY احصى to number
L ₂ upa-KKHAND-ana, persuasion	KHD=SD سد act rightly in (n) be well directed
* per-SUADE, advise Eng.	SD سد right, true (word), be well-directed
KAUR-ma, peculiar to tortoise	KR=SR خهر tortoise
* KAR-ya, way nfv. cf. SRI-ti, way	KR=SR سار to go, walk nfv.
ni-KURUMBA, multitude (b)	KRM=SRM صرم crowd
* ni-GUDHA-KAR-in walking in disguise	GD خدع to conceal
PRA-KKHAYA, east+shadow	KAR=SR سار to walk
pra-KIRA, enclosure	VRA ورا before=east S شعاع shadow
VI-KIKI-sha, desire to seek	KR=SR صيارة enclosure
	KK=KS قس seek شاء desire

VI-GURA-UKRHR-aya, outspread nets	GR جرة snare KHR=SR شرح spread+VI
VI-KET-ana unconscious	KT=ST سطح perceive by smell+ not
H ₂ sam-KHRA-ya, rise, stimulation, high position	KR=SR ثار rise, be moved ثار to scale, climb
KKHAYA, shadow	KH=S شعاع shadow
BHUK-ta-UKKH-ishta remnant of meal (BHUG)	BG يبيع eat
L ₂ KIL-A, playing كهل	KH=S اسى to leave
FRO-lic, mirthful	Skt. KL=SL سعل be brisk, lively
SPOR-t, amuse	Eng. FR افر be quick and joyous
GAME, amuse, mirth	Eng. (S) PR فرح rejoice+افر be lively, joyous
PLAY, frisk, be lively	GM اقمأ to please
FRISK, lively	PL اقل be nimble, cheerful
	„ (F) RSK رشق be nimble
	S=K
A-SADRI-sa, dissimilar	SDR=KDR قادر to commensurate to
L ₂ SHARDHA, belief	SRD=KRD قردح to acknowledge
CREED, belief, acknowledge	CRD قردح to acknowledge a th.
	Latin
A-SIN-va, insatiable	SN=KN قنع to be satisfied, be full
a-SEDH-ri, arrested	SD=KD قيد to bind a.o.
a-SEDHA, imprisonment, arrest	SD=KD قيد fetters, shackles
L ₂ * upa-ni-SHDA, sitting down	SD=KD تعد to sit
* SIT (SED)	Eng. SD=KD تعد to sit
L ₂ SAPHA, hoof	SP=KP خف sole of foot, foot
HOOF, foot	Eng. HF=KP خف foot
* vi-SESHA, specific property	SS=KS خص specify خاصة property
* vi-SESHA-na, particularising	SS=KS خص specify
L ₂ * vi-SESHA-tas, specifically	KS خص specify
CHOOSE (KEIS) select	Eng. KS خص particularise
* SISH, particularise	SS=KS خص specify, particularise
vi SHA-nna (SAD) dejected	SD=KD كاد be sad, grieved, D lost
* SU, be victorious, superior	S=K قوى overcome, overpower
SVAS (KHAVAS) breathe (v)	SS+KS كش rustle, hiss
* SU-na, empty unoccupied	S=K خوى be empty, uninhabited
* SRJ, emit	SRJ=KRJ خرج go out f.
* SU-ra, (SU) valiant	S=K قوى overpower

SARAN-ga, deer, spotted	SRN=KRN قرون galloping animal =deer
H ₂ * SAH-A, vanquishing, mighty	SAH=KAH كاح to overpower قو might
* SRIG, eject, create	SRG=KRG خرج bring out
SAN-ISH-ya, wishing to gain	SN=KN قنا to acquire شاء to wish
SANU-tri, procuring	SN=KN قنا to acquire
SAH, conquer	SAH=KAH كاح overpower
a-SO-dha, unconquerable (SHA)	SAH=KAH كاح to overpower
SAMUL-ya, woollen shirt	SML=KML خملة happy cloth مخمل wool fabric
SIBI-ra, camp, tent	SB=KB خبا tent of wool
SIMBI, pod, legume (m)	SB=KB خبيشة seeds put in store
SULBA, string, cord	SLB=KLB خلب palm-rope
SILP-a, variegated	SLP=KLP كلف freckles, red spots
SRAT=SRAD, credit, believe	SRD=KRD قردح to acknowledge a th.
SAND-ra, viscuous, thick (n)	SD=KD عكد to cleave to, be fat
L ₂ SAPHARU-ka, small box	SPR=KPR قفير basket (primitive box)+ K Small
COFFER, box i.e. basket Eng.	KFR قفير basket قفة basket
CHIL, become loose	KL خلع to luxate
* upa-SAL-ya, open space	SL=KL خلا empty space
* VI-SESHA, peculiarity	SS=KS خص be special
* VI-SESHA-na, detail+specify	SS=KS خص be special
* sam-SARGA, discharge (semen)	SRG=KRG خرج send out
sam-SARG-am-kri,	SAM, with KRG خرج send out (i.e. semen)
SAS, leap	SS=KS قز to leap
L ₂ SAS a, hare	SS=KS قز to leap i.e. (leape:)
HARE (HAAS)=(KAS), jump	HS=KS قز jump
SASA-DHAR-a bearing hare=moon	prec.+DR=ZR وزر te bear
SASA-LAKSH-man, hare- marked=moon	prec.+NKSH نقش mark l/n
SASA-ANKA, hare-marked= moon (n)	prec.+AK هتق to brand
SASA-ANKA-KULA, lunar race	prec.+KL خيل gallop
SAS-in, containing hare=moon	SS=KS قز to jump nfv.=hare

SAS-I-SIKHA-MANI	SAS-I,SS قز jump=hare +I hvg= moon
hvg. moon as a diadem	SK شيق top i.e. head JMN جمان pearl, J lost
H ₄ SAS-ta (SAmS) praise, (m)	SS=KS كساء glory (i.e. glorify, praise)
cut down, punish, belt	قص cut قاص punish كاس coil
H ₃ SAS-tra, praise, invocation,	SS=KS كساء glory وقش sound i.e. invoke
dissector cutting instrument	قص to cut
SAS-tr-ika, knife	SS=KS قص to cut
H ₂ SAS-trin, armed w.	SS=KS قص to cut
sword, reciting sastra	كساء glory
api-SAS-as, without cutting	SS - KS قص to cut
ut-SURGA, emission, discharge	SRG=KRG خرج send out, go out
ASUSH-ana aspire	S-SH=KSH كش rustle i.e. sigh
SUSHA, snorting, vailiant	KSH كش to rustle (transf.) خش rustle
SUN-ya, empty, deserted	SN=KN خن to empty (notSU-na)
L ₃ * SRINGa, horn SARUN, horn Pers.	SRN=KRN قرن horn
HORN (CORNU) Latin	KRN قرن horn
SRIN-gata, triangle	KRN قرن give a triangular shape to
SRIN-ga-take, place	KRN قرن to conjoin, TK = KT خط road
where several roads meet	thoroughfare قران conjunction
SRIN-gin, horned, mountain	KRN قرن horn, aummit of mountain
SRIN-ga-ut-PADA-na,	قرن horn بدأ create
producing horn	
L ₂ SRIT (SRAD) believe	SRD=KRD قردح acknowledge
CREED, believe, acknowledge	KRD قردح acknowledge
a-SAS-at, slumberless	SS=SK سجع to slumber
1. SUSH, become dry etym.	SS شس to be dry or قش be dry
dub	
2. SUSH, hiss of snake (SVAS)	S (V) S=KS كش to rustle (snake),
SUSH, roaring i.e. of wave,	SS=KS كش to produce a rustling
wind, fire	
SUSH-min, roaring i.e. strong	SS=KS كش produce rustling, clink
SON, be red	SN=KN قنا be red
* SRIN-GA, horn, mountain top	SRN=KRN قرن horn, summit of mountain
SRADD-in, believing	SRD=KRD قردح to acknowledge

L ₂ SRAD-dheya, creditable	SRD=KRD قردح acknowledge a th.
CREED, belief, acknowledge	CRD قردح acknowledge
Eng.	
1. SAS, leap	SS=KS قز to leap
2. SAS, to cut	SS=KS قص to cut
* SAD, sit	SD=KD قعد to sit
* SAD-ana, seat	SD=KD قعد to sit (not سدة seat)
L ₂ * SAD-as, seat	SD=KD قعد to sit قعدة seat
SESSION (SED) sit	Eng. SD=KD قعد to sit
L ₂ * SAT-tra, session (SAD)	skt. SD=KD قعد to sit
SIT (SED)	Eng. SD=KD قعد to sit
* SATA, strip of cloth	ST=KT قطعة piece cut off
SET-U, bridge nfv.	ST=KT قاطع to cross river on a bridge
SAN, gain, acquire	SN=KN قنا to acquire
L ₂ SANI, gain, gift	Eng. SN=KN قنا to acquire
GAIN, obtain	GN قنا acquire
H ₃ SADA, Sitting on horse,	SD=KD قعد to sit + قذع to run (horse)
weariness	كد weariness
AS-va, runner, horse	S سعى to run
H ₂ SAD-ana, seat, wearying	SD=KD قعد to sit كد weariness
SANA-si, winning	SN=KN قنا to acquire
SATA, robber, thief	ST=KT قاطع robber
SAS, slumber	SS=SK سجع to slumber
SED-I, weariness	SD=KD كد weariness
L ₂ SUNDH, trunk of elephant (N)	SD=KD قذو trunk, SOOND, Hindi (N)
* STABA-ka, bunch=STIBHI	STF=KTF قطف bunch
STABH=STAMBH, prop,	STB=KTB قطب pole, pivot (m)
sustain	
STAMBH-ana, making rigid	STB=KTB قطب pole (m)
support	
STAMBHI-BHU, become a	STB=KTP قطب pole BH-SBH اصبح become
post (m)	
L ₂ * VAI-SESHI-ka, special	SS=KS خص be special
* CHOOSE (KEIS-en) select	Eng. KS خص specify خاصة choice
TH or T = S or Z	
* KATHA, story	KS قصة story

* A-KATHI-ta, unmentioned	KS قص to state, relate	
* KATHO-ra, rough, hard	KS قسى hard	
* GATHA-ra, hard	GS قسى hard	
* ATHA, then	AS اذ then	
MANTHA-na, friction	(N) MS محس بمعص to rub	
FRIC-tion, rub	Eng. FRC فرک to rub w. hand	
* ANU-KATHA-na, report	AN عن from KS قص to relate	
L ₄ * ATI-MAT-ra, beyond measure	At عتا exceed MT—MS مسح measure Skt.	
MET-er (MESS) German	MS مسح to measure	
MAICH, measure	Hindi MS مسح to measure	
MEAS-ure, (MENS) (N) Eng.	MS مسح to measure	
MENS-is, monthly course (N)	MS مسح to measure	
MONTH, MOON (MENS-is)	MS مسح to measure i.e. of time	
	Eng.	
N.B. The above 6 words are based on مسح to measure		
* a-pra-ARTHI-ta, unasked	ARS عرض request	
* TALA, bottom	SL اصل lower part	
* ARTH-ayna, desirable	ARS حرص to desire	
* ARTH, advantage	ARS عرض profit	
* ARTH, meaning	ARS عرض to explain, purpose	
* an-ARTHI-t-va, without soliciting	ARS عرض request	
* ARTHA, advantage, business	ARS عرض profit, purpose	
* ARTHA-kara, useful	ARS عرض profit, purpose	
* ARTH-ana, request, prayer	ARS عرض request, petition	
* ARTHA, property	ARS عرض goods, moveables	
A-MITH-ya, not falsely	MS مسأ to beguile مسح to lie	
* an-ARTH-ka, useless	ARS عرض purpose, benefit N نهى not	
* iti-ARTHA, meaning so	ARS عرض purpose	
* iti-ARTH-an, for this purpose	ARS عرض purpose	
* KATHI-na, hard	KS قسا to be hard	
* KATHI-n-ya, harden	KS قسا to be hard	
* KATHU-ra, harsh	KS قسا to be hard قسح treat harshly	
H ₂ * KATHO-ra, hard, cutting	KS قسا to be hard + قص to cut	
* KATHA-ka, telling	KS قص to state	
* KATHA-na, narration	KS قصة narration	
KATH, live in difficulty	KS قسى difficult قاسى undergo hardship	
KNTH, rember w. regret (N)	KS خيس sorrow, grief	

KAHTH, be anxious	KS كشع be anxious
L ₂ KUNTH, kill	(N) KS تعص to kill كشتن
TUN, curve	SN ثنى to curve
* KATH-ya, to relate	KS قص to relate
* KATHA-KAR-ma, continuous story	KR—SR سار be current قصة story
* KATHA-na-ka, short story	KS قصة story—K dimun. sfx.
ARTHA, purpose	ARS عرض purpose
* KOTHA, putrefaction	KS غث secrete purulent matter
KUTH, to stink	KS غث secrete prulent matter
* GURU-ARTH, important matter	GR وقر be heavy ARS عرض purpose
* THARA, hoarfrost	SR حر hoarfrost
* VI-BHITAKA, large tree	BSK بسق be lofty tree
* TAT, bank	ST شط bank
* TATI-ni, hvg. banks=river	ST شط bank
* RIVER(RIPA) bank	Eng. RP حرف bank
nir-ARTHA, purposeless	ARS عرض purpose
ARTHI-ka, lover	ARS عرس to love
PURA-MATHA-na, crusher of Pura	MS معس to crush down + PURA
* ARTHA, eager	ARS حرص to covet
pra-ARTHA, request	ARS عرض request, petition
* S-at-KATHA, good talk	S صح good KS قص relate
MATHA, crushing, destroying	MS معس to crush down
* MATTALI-ka, paragon of	MSL مثال pattern
VI-para-MATH-in, trample down	MS معس crush down
prati-METH-ana, counter joke	MS مسأ to joke VR ورا against
SLATH, become loose (SLESH)	SLS سلس be loose
SRATH, become loose R/L	SLS سلس to be loose
SITHIR-A, loose R/L	SSL=SLS سلس to be loose TH/S
SITHIL-ya, loosen	SSL=SLS سلس to be loose
N.B. Skt. has not cared for the transposition of letters and SLESH, SRATH=SLATH, STHIRA=STHILA, are variants. سلس of Arabic cannot change	
	S=T
SUK-ta, fermented, sour	SK—TK اتخ to leaven, be sour

		N=M
NUT-ti, removal, expulsion		NT=MT ماط remove شunning, repulsion
KANA, grain		KN=KM قمحة grain of wheat
* KANA-AN-na, existing on grain		prec.+AN-na=AD-na عض bote w. teeth—eat
KAN-ka, little bit, a drop		KN=KM قمحة grain (simile of drop !)
KAN-ak, wheat	Hindi	KN=KM قمح wheat
KAN-ya, smallest		KN=KM قمي small, paltry
* NAR-a, man, husband		NR=MR مرء man, human being
NAR-aKAP-la, human skull		prec.+KP قحف skull
NARA-KAKA, crow of man		prec.+KK تعق crow
* NARA-ISA, king		prec.+IS عز be exalted, powerful
* NAR-man, jest, amuse, man sfx.		NR=MR مرح enliven, cheer
* NAR-ma-GARBHA, containing jest		NR=MR مرح be cheerful KRB اكر ب fill
NAR-ma UK-ti, jesting speech	(VAK)	prec.+BK بق talk much
* NAR-maya, amuse		NR=MR مرح be cheerful
SANU-ka, eager for prey		SN=SM سما to go hunting
* SANU-mat, having ridge, back		SN=SM سماء roof, back of horse
KARAN, pierce		KRN=KRM خرم to pierce, perforate
NAD, to praise		ND=MD مدح to praise
NAR-P-ana, drink for man		NR=MR مرء man B عب drink
NAR-ya, manly		NR=MR مرؤ be manly
NAR-I, woman		NR=MR مرء man, I feminine
NARAKA, (kind of) arrow		NRK=MRK مرق to pierce (arrow) nfv.
H ₂ SAN-tvana, soothe, reconcile		SN=SM سمح be gentle سم reconcile
SANU, goal, summit, back		SN=SM سماء height, roof, back
SAN-tya, bountiful		SN=SM سمح bestow bountifully
H ₂ SAN-S-krit, collected, elaborated (SAM-skrit)		SN=SM تم to collect عسم to toil
E-LABO-r-ate, toil	Eng.	LB=KLB قلبة toil K lost
KAN-ishta, smallest		KN=KM قمي small ISHTA, spl. sfx.
KANI-yas, smaller		KN=KM قمي small YAS, comparative sfx.

NRI-PA, guardian of men, king	NR=MR مرء man P=KP خفي conceal, guard
NRI-PA-tva, sovereignty	NR=MR مرء man P=KP خفي i.e. protect
NRI-PA-SAS-ana, king's decree	prec.+SAR ساس to rule
NRI-PA-SNU-sha, king's daughter-in-law	SN=KN كنة daughter-in-law+prec.
* NRI-MNA, manliness, strength	مرؤ be manly MN منعة power منة strength
NRI-VARA, best of men	VR=FR فرع to excel, overtop+ مرء man
NRI-SOMA, moon among men	SM اشمع to shine+ مرء man
NED, overflow	ND=MD مد rising of water
SVAN-ta, tranquil	(v) SN=SM سمح be gentle, forbearing
NIL, become thick	NL=ML مأل be lusty. fat ملح become fat
	N=L
NIGH-antu, list of words	LG لغة word NT نط to tie
NIBIDI-ta, clo ely pressed	LBD لبد to cram التبد to press
NIBIDA, embrace closely	LBD لبد to stick to
H ₂ NATHA, refuge, protector	LT لطا to shelter لاط to hide
NASH, destroy	LSH لاشي destroy cf. نعض to waste
A-NAS-in, not perishing	LS لاشي destroy, to annihilate
A-NASH-ta-PASH, lost	LS لاشي destroy نشاء increase of cattle
	no cattle
* A-NIMISH-at, winking	LMS لمز to wink at
* NIMS, kiss, greet	LMS لمس to touch
* KISS, touch, greet	Eng KS=HS حس feel w. hand i.e. touch
	N-B. Greeting consists of touching forehead
NATH, implore, beg	th/s LS لث importune
NAPI-ta, barber	NB=LB حلب to pluck hair
H ₂ KOON, speak, close	KN=KL قال speak عكل detain
SNA-va, flow, stream	SN=SL سال flow سيله stream
	L=N
LAKSH, mark	NKSH نقش mark, trace
LAKSH-man, having marks	NKSH نقش mark
LAKSH-mi, mark	NKSH نقش mark

LAKSH-ya, be indicated	NKSH نقش mark
LAKSHA-SUP-ta, feigning sleep	NKSH نقش picture SB مسح to sleep
ul-LAGHA, convalescent	NG نقه to be recovering f. نقه recovery
CON-VAL-esce, recover	Eng. VL=BL بل to recover f. بل recovery
prati-LAKSH-ana, symptom.	NKSH نقش mark
LANKH, mark, stain	(n) LK=NK نقحة stain on garment
M=N	
H ₂ MAKHA, sacrifice, vigorous	NK نكع to slaughter نهك be strong
H ₂ * MUG, resound, rustle	NG نغع to shout + نغووة whisper
* TOM-ara, javelin	TN طعن to spear
MAMH, bestow bountifully	MMH=MNH منح bestow continually
* MAR-yada (MAR) shine	NAR نار shine
MAGHA-van, bountiful	MG=NG نجح to help a.o. to attain a th.
MEEV. grow fat, move	MV=NV نوى grow fat, go off
MANDA=MADH, water	MD=ND نض flow (water) nfv.
MANDU-ka, water dweller	prec. + OK عكى dwell=frog ميندك
MID, be unctuous, to wet	ND ندى grease, to wet
MAKA-MAK-aya croak (frog)	NK نق to croak (frog)
L ₂ MAHALLA-ka, feeble, decrepit	NH ناحل lean, exhausted
LEAN, thin	Eng. LN=NL ناحل lean
* A-MUD-ra, unequal	ND نذ equal, alike
* UMA, flax	UN عهن flax
TAM-kara, twang, sound	TN طن to tinkle, buzz
* sam-MP-ana, death	NB نحب death, fixed time
AMODA, fragrance	ND ندى perfume
RAMA, lovely maiden	RN رنى to delight (beauty)
M=L	
MAUKU-li, crow	LK نقحة raven
* MUKHA, face	LK لقاء facing
*MODA, delight, sweet	MD=LD=LZ لذة joy, be sweet (not con. w. MUD)
H ₂ MUK, let loose, fling, hurl	LK نق be loose نقع throw away
LAX, loose	Eng. LK نق be loose
غ MUK-ta, secreted by oyster	MK=NK نكاعة phlegm ↑

i.e. pearl (MUK) throw away MK=LK لنع throw away
SAUMI-ka, flowing SAL سال flow

D=R

KAMUDI, moonlight Skt. KMD=KMR قمراء moonlight
UDHAR, milk Skt. DR در milk
DUDH, milk Hindi DD=DR در milk

Sanskrit being older has preserved R which has changed into D in Hindi

R=D

See Nepali dictionary by Turner P. 548

غ * RIN, debt (RI) RN=DN دين debt ↑ اعار to lend
غ * an-RIN-ya, not indebted RN=DN دين debt ↑ اعار lend
غ * LOAN, debt Eng. l/d LN=DN دين debt
غ * KARAM, step, tower above KRM=KDM قدم stop قدم be foremost
* KRANTA (KARAM) step KRM=KDM قدم step
* a-sam-KARAM, meet, come KRM=KDM قدم meet, arrive near

L₃* LAR-ka (LAD-ka) boy Hindi LR=LD وليد son, boy, k extensive
ن* LAD, boy Eng. LD وليد boy (root unknown to English)

* LOUNDA, boy (N) Hindi LD وليد boy

N.B. Please note that in Arabic language L+R never conjoin (see MZHR of SEYUTI) and the root of LARKA is admittedly LADKA (v. Nepali Dictionary by Turner)

N=R

DHEN-U. milch cow DN=DR در milk, nom U
L₂* AN, breathe AN=AR اراح take breath cog. w. ANI-mal

L₂ KUNKUMA, saffron Skt. KNKN=KRKM كركم saffron
CURCUMA, (KURKUM) KRKM كركم saffron Eng. f. Arabic saffron

L₃ TRI, three Skt. TR وتر odd number i.e. 3=three (Eng)

TIN, three Hindi TNTR وتر odd No. i.e. 3
* pra-N, life, breath N=R روح life, spirit اراح breathe
NIJ, wash J/Z NZ=RZ رحض to wash

D=L

“Cerebral D and DH between vowels regularly become L in Vedic Sanskrit e.g. midhouse=milhouse, ide=ile (Sanskrit grammar by Macdonell P. 236)

Conversely, L changes into D” (Liddel’s Greek Dictionary P. 461) e.g. ULYSSE=ODYSSE

* pari-SHYANDA, flow, stream	SD=SL سال flow سيلة stream (n) (not ثدا)
pra-SYANDA, trickling	SD=SL شل to shed tears, fall in drops
DHVA-ga, bannered	DVA=LVA لرا banner
* DIV, play	DV=LV لهو play
H ₂ KAND-U, frying pan (N), ball	KD=KL قلى to fry in pan كلة ball
GUDDA, ball (d=l=r)	GD=GL كلة ball (KL=KR ككرة ball)
* GAD, speak, say, call	GAD=GAL قال speak, say
KID-AT-man, thinking soul	KD=KL خال think SAT ذات self
KUDA, summit, crest, tuft	KD=KL قلة top of head, summit
KUDA-PASA, crest+thick locks	PS=SP شعفة lock of hair prec.+
GAD-ya, to be said	GAD=GAL قال to say
NI-BIDA (NI-VILA) no crevice	VL=NL فغ crevice, crack
	N نهى not
* a-sam-NADDA, not acquired	ND=NL نال procure ناول acquisition
MELI (MEDI) crackling of fire	MD=DM حدمة sound of blazing fire
a-TOD-ya, musical instrument	TD=TL طلى to sing
* a-DEVA-na, playground	DV=LV لهو play
* upa-NAD-GUDH-A, covered w. shoe	ND=NL نعل shoe KT غطا cover
KAD-A, dumb	KD=KL كل to blunt (tongue)
GAD-aya, become dumb	GD=GL كل be blunt (tongue)
CHAND, ask (N)	SD=SL سال to ask
L ₃ TUND, to search (N)	TD=TL طلع seek for
TOL, search, Punjabi	TL طلع seek for (TA TOL) Hindi
H ₂ DEV, to sport, lament	DB=LB لعب to sport لهف sorrow (not DIV)
ARIL-ha=A-RIDHA, unlicked	RL=RD=LD لهد to lick
L ₂ A-RODH-ri, one who mounts	RD=RL رحل to ride
* upa-NAH, shoe (d lost)	NH=ND=NL نعل shoe
RIDE, be carried on horse back Eng.	RD=RL رحل to saddle, to ride a beast

* upa-NAH-a, shod (H=lost d)	NH=ND=NL نعل to shoe (horse)
AUPADHI-ka, fraudulent	PD=PL فلب deceive
* ni-GADA, mention, recite aloud	GAD=GAL قال to speak, say NI, intensive
* prati-DIV-an, adversary + play	PRA=VRA ورا in front DV=LV لهو play
H ₃ VI-GADA 1. confused	GD=GL حكل be confused thunder
2. shouting 3. healthy	قلة health
H ₂ SUDA, mud of a dried up pool or well, cook	SD=SL ثلة Mud extracted from a well صلي roast
*SUDA-SALA, kitchen	SD=SL صلا heat + SALA=KL كلاء shelter
TAND, relax, flag (n)	TD=TL طلع be jaded
* GADA (GALA) fool	GD=GL جهل be a fool
	L=D
SA-KALI-ka, with buds	KL=KD عقدة bud + شاع with
H ₃ ut-KULI-ka, bud, love sick, wave	KL=KD عقدة bud خلة love قلع to totter
* KUL (KUD) burn	KL=KD وقد to burn
* upa-KUL-ana, singe (KUD)	KL=KD وقد burn, (upa, above)
* MELA-nandana, be inkstand	ML=MD مد supply inkstand w. ink
L ₂ MILHA (MID-ha) reward	ML=MD حمد requite
H ₂ MEED, reward, merited praise Eng.	MD حمد requite احمد deserve praise
KHALU, indeed	KL=KD قد indeed
LALA-ta, be fondled	LL=DL دلغ to cocker, to pet (a child)
ن LOLL, hang out tongue Eng.	LL=DL دلغ to loll out tongue
GLAU, lump, goitre	GL=GD غدة lump, goitre
	D=J
L ₂ DARA, wife	Skt. DARA=JARA جارة wife
JORU, wife	Hindi JR جارة wife
DVAL, mix	DBL=JBL جبل mix

LOSS OF D

“D is sometimes lost” (Liddel’s Dictionary of Greek P. 451). In Sanskrit “the last consonant of the root if gh or dh may interchange with H e.g. megah=mah, nadhah=nah, gadah=gah, vaduh=vah” (Nirukta by Skold P. 180). This makes the task of

the etymologist extremely difficult, if not impossible as shown by the following entries:

Restore lost D or change H into D

* RUHA (RUDDAH) red	RH=RD ورد red
* MAHI, earth	MH=MHD مهد ground
* MIH (MIDHA) reward	MH=MD حمد requite
NAH (NADHA) fasten	NH=ND=NT نط to tie
* VAH-A, flowing	VH=VD ودى to flow
* VAHI-tra, boat	VH=VD ودى to flow
* pra-VAHA, flow, carry	VH=VD ودى to flow
pra-HI (DHA) send	H=D ودى to send
* puro-HI-ta, set before	VR ورا before H=D وضع put
ut-KHI-nua (KHID) cut off	K=KD كذا cut off
ut-KHO-ta, swelling	K=KD كذا be swollen
RUH, grow	RH=RD عرد grow (plant)
A-KHI-nna, not wearied	K=KD كد weariness
* BHI-nna (BHID) divide	B=BD بضع divide
* BHI-nna (BHID) fragment	B=BD بضع to cut بضعة piece
* BHI-nna-ki-kri, divide	B=BD بضع divide
VI-P-anna, without feet=snake (PAD)	P=PD قد to tread, treader=foot
SIHA, lion	SH=SD اسد , سيد lion
L ₂ * KARU, pot, cauldron	K-R=KDR قدر pot D lost
ن * CAUL-DR-on, boiling pot	Eng. KL غلى to boil DR=KDR قدر pot, k lost
pra-HI-tam-GA-ma, going on message	H=D ودى to send (i.e. on message) GA ججا to walk
* VADH-u, bride, woman	VD ودع confide, entrust cf. وضیعة pledge
* VI-VODH-ri, husband	VD ودع entrust (trustee)
VIDHU-VADHA-na,	VD وضع moon
* moon faced woman	VD ودع entrust (i.e. woman)
H ₂ * VAH, marry, flow	VH=VD ودع entrust ودى flow
* VI-VAH, marriage	VH=VD ودع entrust
* WED, marry, pledge	Eng. WD ودع entrust وضیعة pledge

N.B. Perhaps VADH-U, bride i.e. married, of Sanskrit, and WED of English is the same word with the same sense. I quote "After the introduction of Christianity the lover was required to give at that time (of espousal) a WED or security. Hence the ceremony of

marriage has been called in English down to the present time a WEDDING" (i.e. pledge)

(T. Wright, Womankind in Western Europe P.55)

Loss of D may be noted in the following words too:

GELU, frost Swedish (GELDA)	GL=GLD جليد frost
GEL-id (GELU) frost Latin	GL=GLD جليد frost
GEL-ation, freeze	GL=GLD جلد freeze
GOLD (GEL) Latin	GL=GLD جلد freeze
JELLY (GEL) Freeze	Eng. GL=GLD جلد freeze
JAM-na, freeze	Hindi JM=JMD جمد to freeze (water)
SOOJ-na, to swell	Hindi SJ=SJD سجد to be swollen

Loss of final GH

MEGH=MEH, cloud	Skt. MH=MG=GM غم cloud
MEGH, cloud	Pers. MG=GM غم cloud
MAHA, great	Skt. MH=MG—GM=ZM عظيم great
MAG-nitude G/Z	Eng. MZ=ZM عظم magnitude
MAG-nify	" MZ=ZM عظم be great

Similarly, Magnify, Major, Majesty, Magnanimity, Magnate, Magniloquent are based on the Latin root (MAG) great=MZ=ZM عظم be great In fact in MAHA of Sanskrit the Arabic root is almost lost.

S = R

SIS, leave	SS=SR ستر leave a remainder
SIS, head	SS=RS رأس head
غ SUKH, ease, pleasure (SU-KHA) happiness	SK=RK رخا easiness of life ↑ K كاه comfortable (life) etym. dub.

R = S

L ₂ sam-KIRA, sweepings	كوڑا KR=KS قشع sweepings كسح sweep
RALLA-ka, woollen cloth	RL=SL نلة wool
KHOR, to limp	KR=KS كسح be crippled

L = R

LALA, salvia	LL=RL راؤال slaver
LALA-ya, secrete salvia	LL=RL راؤال slaver
H ₂ LAT, prattle, cry, act like child	LT=RT رت stammer, رط shout, be foolish
LUNK, pull out, peel (n)	LK=RK عرق to strip
LIKH=RIKH, scrape, write	LK=RK عرك scrape

H ₂ LUP=RUP, break, rob, pounce	LB=RB راب slit حرب plunder, snatch
UL-LIKHI-ta, scraped	LK=RK عرك scrape
LEKH (REKH) scratch	LK=RK عرك scrape
L ₂ LIS (RIS) be rent	LS=RS حرص to tear
LACE-r-ate, tear	Eng. LS=RS حرص tear
AMAL-aya, make pure or white	ML=MR مرهه pure white
SILA, conduct	SL=SR سيرة way of life
pra-VALA, shoot, sprout	FL=FR فرع branch, sprout
VI-LASA, manifestation,	LS=RS عرص to shine,
sport, fun, liveliness	beglad, sprightly lively
VI-LASI-ka, full of love	LS=RS عرس to love
VI-LAS-in, shining,	LS=RS عرص to shine, be glad, be
delighting, fluttering	restless, to flash (i.e. flutter

R=L

PRI=PLU, fill	PR=PL حنل to fill
H ₂ * PREE, fill, protect	PR=PL حنل fill PR=KPR خفر protect
A-RIDHA, unlicked	RD=LD لهد to lick
RAS, taste	RAS=LAS لاس to taste
* SRO-tas, flowing	SR=SL سال to flow
RASI-ka, possessed of taste	RAS=LAS لاس to taste
RIP (LIP) adhere	RB=LB الب stick to
RAS-anya, tastable	RS=LS لاس to taste
RASI-ka, having a taste	RS=LS لاس to taste
L ₂ RAS-va, savoury	RS=LS لاس to taste
re-LISH, taste	Eng. LS لاس to taste
A-ROKA-kin, lacking appetite	A, not RK=LK عولق hunger
1. VI-RUGA, causing pain	VI intensive LG لعج cause pain
2. VI-RUGA, free f. pain	VI negative LG لعج to cause pain
L ₃ SRIP-ra, oily, slippery	SRP=SLP سلف to oil, to grease
SLIP, lubricate	Eng. SLP سلف to oil, to grease
LUB-ri-cate (SLUIP)	Latin SLP سلف to oil, to grease

U=V=F

THU-t-kri, noise of spitting	TU=TF تف to spit
JU (JAVA) haste	JU=JF=ZF زف hasten
THU-k, spittle	Hindi TU=TF تف to spit (extended w.k)
SOPHA, swelling	SP حشف swell

SVA, swell	SV=SP حشف swell
SU=SVA, swell	SU=SV=SP حشف to swell
SU-tra (SIV) weave	SU=SV=SF سف weave
H ₃ KYU-t, moving, shaking,	KU=KF خفغ wave
destroying	خفغ shiver خفغا destroy
H ₃ KYU, waver, vanish, perish	KU=KF خفغ to wave خفني conceal خفغا destroy

Originally robbiug meant-stripping as shown by the following words :

PLU-nd-er,	Eng. FL وفل to peel, strip
PILL-age, strip	„ PL وفل to strip
SPOIL, strip	„ S-PL وفل to strip
BOOTY, plunder s lost	BT=SBT سبت shave head سنط strip
LOOT, plunder, spoil	Hindi LT لحت to strip
LUNTH, plunder Skt. (N)	LT لحت to strip
LUP, plunder Polssh	LP لفأ to strip
KALAP, piunder Esperanto	KLP قلف to bark, pull out
GD, plunder Greek	D/L GD=GL قلع to undress
LES-t-os, robber Greek	LS=SL سحل to peel=strip (not لسن)
SUL, plunder Greek	SL سحل to peel
GOOMI-so, plunder Greek	GM=MG مچج to flay, strip skin
KORSEO, plunder Greek	KRS=KSR قشر to peel, to bark
SALB, booty, plunder Arabic	SLB سلب bark of reeds, spoil, booty
QASHAT, Arabic	QSHT قشط denude plunder, strip
REAVE, desposil	Eng. RV=RB حرب rob, snatch away
ROB, snatch away	Eng. RB حرب to plunder, snatch
ROBE, garment, booty, spoil	Eng. RB حرب to plunder=garment, clothing taken from the slain

N.B. Plunder consisted in taking off clothes, stripping and denuding so that ROBE meant clothing snatched from the slain. In all the above-noted words the sense of plunder is based on stripping and denuding as well as snatching. See GD of Greek and ROBE OF English etc. In this way Arabic embraces every language.

SURPLUS LETTERS SIFTED

The following surplus letters are an admitted fact in the various languages as also in Sanskrit.

1. NASAL N
2. NASAL M produced by B or P
3. Surplus B produced by M
4. Surplus P produced by M
5. Intrusive M
6. Intrusive R
7. Intrusive V
8. Intrusive L

“And surplus letters were poured upon it like dust” (Minan P. 92) There is no question of any surplus letter in the Arabic roots which must be trilaterals as a rule.

Remove Nasal N

H ₂ * ANDOLA, swing, revolve, wheel (N)	ADL ودل to churn دال revolve
* ANDOL-ana, swinging, revolving (N)	ADL ودل to churn دال revolve
H ₂ GANDH, scent sticking	GD قدأ good smell عكد to stick to
KUNDA- hole	GD قدح hole
H ₂ * ANG, go, blame	AG حج go هجا censure, blame
PANKA, mire	BK بقعة swamp
nish-PANKA, free f. mud	BK بقعة swamp
PANK-ya, besmear	BK بق to blot يقع wet here and there
L ₂ PANKA-la, miry	BK بقعة swamp
BOG, wet spongy ground Eng.	BK بقعة swamp, depressed land
H ₃ AJ, go, censure, run	AJ حج go هجا censure هاج rush
H ₂ ING, go, agitate (N)	IG حج go هيج agitation
LUNTH, rob	LT لحت to strip a.o.
PANKA-GA, lotus (GEN)	بقعة + GN - ZN ضني beget
PANKA-RUH, lotus H=lost D	بقعة swamp + RH = RD عرد to grow
PANK, spread, manifest	BK بق spread, display
H ₃ KANDA, piece, arrow, stalk	KD قبيضة piece قرح arrow قردو trunk
MANCH, to shine	MS محص to flash
A-BHUNG-ana, taking no food	BG بيج to eat

SURPLUS LETTERS SIFTED

H ₂ PANG=PAG, fasten, enclose	BG اوبق fasten اوبق confine
PANG-ra, cage, enclosure	BG اوبق confine
* PINGA, reddish, yellow	PG ققع be red, yellow
L ₂ * PING, paint	PG ققع dye red
* PAINT(PING)	PG ققع dye red
* PINK, yellowish pigment	Eng. PK ققع be red, yellow
* PIG-ment, colour	Eng. PG ققع dye red gfp.
L ₂ PINGA-li, bunch	BG باقة bunch, nosegay
H ₂ BOUQUE-t, bunch of flowers, perfume	BQ باقة bunch, nosegay + فوغة perfume
BUNCH, fastened, clustered	Eng. BK باقة bunch بوق fasten
BHANG-a, break, tear	BG=BZ بضع to split, cut
ava-KHAND-ana, splitting	KAD قاض to split
KHANDA. piece, fragment	KD قاض to break قبيضة fragment
H ₂ * KHAND=KHAD, break	KD قاض to break, pound
cestroy, deceive	destroy خدع deceive
* KHANDA-sas, break in pieces	KD قاض crackle, to pound
L ₄ * KHAND, sugar, sprinkle	KD قاض sprinkle (sugar)
(كهانڈ - Candy)	
* A-KHAND-ala, breaker, destroyer	KD قاض break, destroy
GANDA, cheek	GD خد cheek
* KANDU, scratch	KD كدح scratch
* KAND-ana, husking	KD كدح to scratch
KANDI-ra, armed w. arrows	KD قرح arrow
GANDA-vat, fragrance	KD قدأ good smell
H ₂ * KUND, pitcher, jar, pit	d/l KD=KL قلة pitcher, jar KD خد pit
MAND, to praise	MD مدح to praise
GANDHA-ADH-ya, rich in perfume	قدا good smell AD=VD ودع be wealthy
GANDH-I, smelling of	GD قدأ good smell
* KANDI-man, heat	KD وقدة heat of fire
* KANDA-kara, hot-rayed=sun	KD وقد to blaze, kindle
* KANDI-kri, heat, enrage	KD وقدة heat (transf.) cf. زخ burn زخة anger
* KANDA-ra, shining=moon	KD وقد to blaze وقدة illumination
L ₂ * SKAND=KAND, shine	KD وقدة illumination
* KIND-le	Eng. KD وقد to be kindled

N.B. In the above noted words nasal N is inserted between K and D in 21 words at least. This shows a regular law of sound. Other combinations of letters may be studied similarly.

GANDA, pillow	GD جدی saddle cushion
A-SANGA, not attached	SG عسق to stick to
* A-SANKA, not fearing	SK=KS خشى to fear
* SANK, doubt	SK شك doubt
SANKU, peg	SK مك nail, peg
SANKH, shell	SK=KS كشح shell
* nih-SANKA, unhesitating	SK شك doubt, suspicion
nih-SHANGA, appendage, attached	SG عسق stick to عشق stick to
* vi-SANK-ta, extensive	SK شق spread
* VI-SANKA-niya, be distrusted	SK وثق to trust. VI, negative
* VI-SANKA, doubt	SK شك doubt VI, intens, ve
* VI-SANKA, fearless	SK=KS خشى to fear VI, negative
VI-SANKA-ta, hideous	SK شقح be hideous
* SRINGA-rita, adorned	SRG سرج adorn, embellish
H ₃ * ANK, brand, embrace, lap, flank, side	AK حاق to brand حاق surround
ANK-as, bend	K/G AK=AG عوج bend
* A-LING, embrace	LG حلقة circle cf: عاق adhere
* ING, stir, set in motion	IG هاج to be stirred
H ₂ * KANTHA, patched garment	KT قطعة piece+ غطا cover
L ₂ SYAND, drop	SD ثاد dew
KUNTH, blunted, jaded	KT قاطع blunted قطع wear out
DEW (DEU) root unknown in Eng.	D=SD ثاد dew سدى night dew S lost
L ₂ * ANGHARI, root अङ्ग Hindi	AGR=AZR ازر root JR=ZR ازر root
ANKA-para, brand, enumerate	AK هقع to brand (hence enumerate)
H ₂ * SAND-ri-kri, make thick, strengthen	SD شد be fat شد strengthen
DHANV, go	DV=DF دف go on at liesure cf. ذهب - دب
L ₄ * GUNTH, cover	GT غطا to cover
* KAT, cover Aryan	KT غطا to cover
* TEGO, to cover Latin	TG=GT غطا cover
* DHAK-na, cover Hindi	DK=TK=KT غطا to cover
* GNIPA, enquiry	GP تقا to follow
* DANDA, stick, staff	DD=TD وتد stick

* DAND-ana, beating	TD وتد stick vfn.
DANDA-AGHATA, blow	prec.+GT تحط strike violently
	w. stick
L ₃ RANDH-ra, cleaving	RD هرد to tear
REND, tear	Eng. RD هرد to tear هرض to rend
DRI-dan, to tear	Pers. DR==RD هرد to tear
DRI, split	Skt. DR=RD هرد to tear
N.B. RANDH, REND, DRI-dan is the same word	
H ₂ * BHANDA, utensil, wares	BD بضاعة goods, wares, stock in trade
	BD=DB دعب to joke
* BHANDARA, ware-house	BD بضاعة wares
H ₃ KHANDA, powdered sugar,	KD تفض to sprinkle w. sugar, to pound
	piece, multitude
* POONJI, stock-in-trade, Hindi	BJ=BZ بضاعة stock-in-trade (N)
VRINDA, herd, flock, host	VRD ورد herd, flock (فطیح)
L ₂ VRIND-in, containing	VRD ورد herd, army
	multitude
URDU, army	Turkish U/V VRD ورد army
VRIND-ARAKA, head of host	VRD ورد herd, flock, RK روق chief
pari-ANKA, squatting posture	AK اتقى to squat
prati-KHANDA, like, substitute	KD قبض like, substitute
1. VINDU, knowing	FD افاد acquaint w. افادة knowledge
2. VINDU, gaining	FD فاد accrue benefit
L ₂ * 3. VINDU, drop=perishing	BD باد perish بوند drop Hindi
L ₂ VI-PANKA-ya, spread,	BK بق spread (news) VI, out
	proclaim
غ pro-PAG-ate, disseminate	BK بق spread news ↑
statement (PAGO) fasten	Eng. BG بوق fasten (wrong root)
SANKA-va, serving as peg	SK سك peg, nail
L ₂ SING, smell, kiss=touch	SG ساجى touch (transf.)
SOONGH-na, smell	Hindi SG ساجى touch (transf.)
cf. SCENT, perceive	Eng. ST سطع perceive by smell, touch
ni-BANDAH-ri, binder	BD ابض fasten
DHANV=DHAV, run	DV عدوا run
L ₂ nair GANDHI, scentless	GD قدا good smell
OD-our (OD) scent	Eng. OD=KD قدا good smell, K lost

* PANKA, five	PK=KP كف hand (=5 fingers)
PANK, spread, manifest	BK بقى spread, display
ANG-an, enclosed space, court	AG=AZ حوزة enclosure
PINDA, make into mass, densify	BD بدع become fat
pra-BANDH-ri, composer	BD ابض fasten
pra-BANDHA, ligament	BD ابض fasten
pra-BHANGA, breaking	BG=BZ بضع to split, cut
-SPAND-ana, quivering	(S)PD فذ flap wings (bird)
MANG=MAG, be bright	MG=MZ مضح dart rays (sun)
MANG-ala, brightness	MG=MZ مضح dart rays (sun)
MANG-ishta, very bright	مضح ishta splv. sfx.
MANTH=MATH, whirl round	MT عمدت to wind
H ₂ MAND=MAD, delight intoxicating	MD مود merry ماذية wine
* MANDA-ya, delay, tarry	MD مد grant delay
H ₂ * RINGI, motion, surging of waves	RG راق flow, be rippled حرک move
PANCH, make clear	PS فصیح be clear
L ₂ * VANK, go crookedly	K/J VK=VG عوج to crook
* VINGA, crooked Punjabi	VG عوج be crooked
* VANG, desire, wish	BG بغي desire, wish
L ₂ VANCH, desire WISH, desire	VS هوس desire WS هوس desire
H ₂ VASH, wish, shine	VS هوس desire BS بص shine
* VANIG, merchant	BG=BZ بضع purchase goods
* VANT, partition	BT بت to cut بظ split
nir-ANTARA, hvq. no Interstice	TR وتيرة interval, space
H ₂ ni-ANGA, adhering matter, taunt	AG=AZ عض stick to عضه revile
* PANKA-MAGG-ana sunken in mire	BK بقعة swamp MG عمق go deep into
PANKA-ta, condition of mud	BK بقعة swamp
PANKI-la, miry, dirty	BK بقعة swamp, stain
H ₂ ni-ANK-ana, depression, lap, waist	AK عق deep hollow حقو waist, side
* PANKA-LAG-ana, stuck in bog	BK بقعة swamp LG علق adhere, stick to
pari-SHYANDA, stream, flow D/L	SD-SL سيلة stream سال flow (not دا)

* prati-a-LING-ana, return	VRA ورا behind LG علق adhere, embrace
su-RUNGA, mine	RG ركا to dig
* A-KUNDA, unexpected, sudden	KD كاد be about to, near, A, not
Pra-SYANDA, trickling D/L	SD=SL شل to shed tears انشل fall in drops
PRA-ANKA, eastward	VRA, before=east AK حقو side
pra-BHANG-ani, son of wind	FG فاخ blow (wind) برأ create
* BANDA, mutilated	BD بضع to cut
sam-BANDA, bind together	BD ابض fasten+ ثم together
ati-SAND-ra, very dense	SD شدح be fat
H ₂ GYANDHA-na, smell, sarcasm	GD قدا smell قده revile
* VI-ANK seduction, deceit	AK اغوى seduce, deceive
* VAND, greet respectfully, pay homage	VD وضع to lower تواضع humility
SINGH, whirl, tinkle, shrill sound	SG سجع twang (bow) groan
* KANT, to go	KT خطا to step
* BANDH, to manifest	BD بدا become manifest
H ₂ DNSH, speak, bite	DS ضهس relate bite
TANCH, go	TS طس go far off
SING-A, bowstring	SG سجع twang (bow) nfv.
H ₂ CHANCH, go, jump	CH-CH=KS قش go قز jump
SVANK, open	SFK صفتق to open (a door)
SU-GANDH-ya, make fragrant	GD قدا good smell
* HANTA, come on, here	HAT هيت come on, come here
sat-KAND-rika, splendid moonlight	KD وقدة illumination
CHAND, moon	Hindi KD وقد to light a lamp

Remove nasal M produced by B or P

L ₃ A-KAMPI-ta, not trembling	KP قفة shiver
KANP-na tremble	Hindi KP قفة shiver
QUIV-er, tremble	Eng. QF قفة shiver
AMBARA, garment	ABR حبر striped garment gfp.
an-ava-LAMBA-ana, not adhere	LB الب stick to
AMBU, water	AB عب to drink nfv.
KUMBU-UDA-ra, pot bellied	KB خابئة vat D دحا be big-bellied
KUMBH, pot, pitcher	KB خابئة vat
RAMBA, support, staff	RB ربا to raise
VI-DAMBA, mock, imitate	DB دعب to joke (hence imitate)
* GUMPH, twine, string together	GP=ZP ضعف to double
H ₂ GAMBHA, tooth, swallowing	GB غب gnash teeth غلب gulp
H ₂ sam-RAMBHA, vehemence of anger, agitation	RB حرب be vehemently angry راب be disturbed
SHAMB, collect	SB ثاب collect
AMBA-sa, water	AB عب drink
L ₂ GHAMPA, jump	GP=ZP زاف jump JUMP=JP=ZP زاف
KUMBHA, pitcher	KB خابئة vat
KAMP, tremble (KAP)	KP قفة shiver
KUMBH, curved (KUB)	KB قبا to bend
L ₂ KUMBH, kiss	Skt. KF كفتح to kiss
KOMBA, kiss (Lugunda)	KF كفتح to kiss
H ₂ DAMB, deride, deceive	DB دعب to joke, to vex ذأب deceive
pra RAMBA, beginning of a task	RB ربا to rise ربيع source
* cf ORIG-in, begin, rise	Eng. ORG عرج ascend
LAMP-ata, greedy	LP الهف be greedy

LAMBA, obtain	LB=BL بل obtain
* SAMB-in, boatman, rower NV.	SB سايحة boat سوح swim, flow
SKAMBH (SKAABH) pillar	SKB صقبة pole of a tent صقب raise prop
SAMBU-ka, shell=husk	SB سبا to strip off (a skin)

Remove surplus B produced by M

* AMBA, mother	AM ام mother
a-vi-LAMBH, without delay	LM لومة delay
KAMBLA, woolen cloth	KML خملة woolen cloth
LAMB (RMB) hang down	RM رام to droop
RAMBH, fill w. sound, resound	RM=RN رن resound
JAMBH, destroy	JM هجم collapse, overthrow

Remove intrusive R

“Insertion of unoriginal R appears widespread especially in N.W. languages both in loan and inherited words” (Nepali Dictionary by Turner P. 590)

HRS, be excited	HS حث incite, instigate (not حررض)
TRIP-ti, surfeit	TP طفح overflow طف fill up
H ₂ DRIMH, fasten, be firm	DM=ZM زم fasten زمع steadiness
L ₃ TRISH-na, thirst, desire	TSH عطش thirst, desire
TASH-na, thirsty Persian	TSH عطش thirst
TIS, thirst=TEH Punjabi H/S	TS عطش thirst TH=TS عطش thirst
A-TRIP-ta, unsatiated	TP طفح to overflow طف fill up
PRASU, axe	PS فأس axe
L ₂ * MARSH-ana, forgiving	MS محص to forgive (sins-God)
* MOCH-na, to forgive (Punjabi)	MS محص to forgive
* abhi-MARSA, touch, contact	B ب with MS مس to touch
L ₃ PARISH-ta, asked	PS نحص to inquire after
PURSI-dan, to ask, inquire	PS نحص to inquire after (Pers.)

POOCH-na, to inquire	Hindi PS	فحص to inquire after
* MRISH-ta, touched	MS	مس to touch
L ₃ ALARKA, mad dog	(R) ALK	القي to be mad
HALK, madness	Hindi H/A	ALK القى to be mad
L ₂ * LUNACY (LUC-n-acy)	Eng.	LC ألقى to be mad ↑ ألق to shine
madness	Eng.	MS مس to touch
* AMARSA, contact	MD	مد to stretch
* a-MARDA, pulling, pressure	KB	خب قب rag
KARP-ata, rag	KP	قحف bowl
KARP-ara, bowl	KPR	كافور camphor
L ₂ * KARPURA, camphor	nv	KPR كافور camphor
* CAMPHOR	nv (M) Eng.	KB=BK بقع to be spotted
KARBU, spotted, KAB-ra,	spotted,	KP قحف bowl
KARP-ana, bowl	KD	كاد to vomit
L ₂ CHHARD, vomit (KHARD)	Hindi	DK=KD كاد to vomit
DAK, vomit	Hindi	KN speak nasally اغن hum
KRIN, tinkle, hum	H ₂	MKS مكث collect مغت beat
H ₂ MRIKSH, collect, strike	PL	حفل to collect
PRIL, collect	KD=KZ	قز to leap
KURD, to leap up	KS	قث to pull out, drag along
KRISH, to pull, drag along	KS	قث to draw (hence plough)
KRISHA, plough, draw	L ₂	KD=KZ قز to leap
L ₂ KOOD-na, leap	Hindi	GD=GZ قز to leap
GURDA, leap, bound	Skt.	GD عقدة knot
L ₄ * GAND, knot (Punjabi)	(N)	GT=GD عقدة knot
* GANTH, knot (urdu)	(N)	GT=GD عقد to tie, Skt.
* GRATH=GRANTH, to tie,	connect	KD عقده knot عقد to tie
KNOT, KNIT (KNUDE)	Eng.	GT=GD عقدة knot
* GRANTHI-la, knotty	(N)	GT=GD عقدة knot
* GRATH-in, knotty	GD	عقدة knot عقد to tie
* GRANTHA, knot,	composition (n)	GT=GD عقده knot
* GRANTHI, knotty	(N)	KV=KB قب to gnash the teeth
H ₂ KARV, chew, eat	KT	قعب to bind
KRIT, fasten together	TSH	عطش thirst, desire
TARSHA, thirst, desire		

DARBHA, tuft of grass	DB	هدب long forelock (transf.)
cf. TUF-t, lock of hair	TF	طهافة forelock (transf.)
NAT, dance	NRIT,	cause to dance
NT	نط	to leap, run, frolic
ni-NART-ISHA, desire to	NT	نط to leap SHA شاء to wish
dance		
NRIT, dance, play, be active	NT	نط to leap, frolic, run
NRIT-ya, dance, mimicry	NT	نط (transf. to mimicry, when dancing)
VAI-TRISH-nya, quenching	TSH	عطش thirst, VAI, remove of thirst
H ₂ GHRISH, rub, crush	GSH	قش rub قض bray, crush
H ₂ DRIP, kindle, excite	DB	ذبا to burn ذأب to urge
H ₂ TRUT, break, tear	TT	تهت to shatter هت rend
PARS-U, rib	PS	عقص to bend, wring
RIB, curved bone	Eng.	RB ورب to crook, to slant
cf. ضلع to crook ضلع rib	cf.	PASLI=(P) ضلع rib
L ₂ HRÉECHH, feel shame	skt.	HSH وحشة shame
SHY, bashful	Eng.	SH وحشة Shame, shyness
SHY, startle, throw away	Eng.	SH وحش to throw away (arms to) escape
BASH-ful, shame-faced,	BSH=VSH	وحشة shame, fear
timid	Eng.	
MARSH, wipe, purify	MS	سث wipe, cleanse
* MRICH, go	MS	مشى to walk
PRISH-ta, interrogated	PS	فحص to enquire after
PRAKH (PRISH) enquire seek	PS	فحص to enquire, seek. KH=S
CHRIP, kindle	CH-P=SB	شب to kindle
MRID, grow weary	MD	هدم be worn out, to cool
* MARSА, touch	MS	مس to touch
L ₂ MARG-ara, rubbing itself=cat	MG	مجاج soften by rubbing
MANJ-na, MANJ-an, rub (N)	MJ	مجاج soften by rubbing Hindi
* MRIS, touch	MS	مس to touch
H ₂ * MRISH, forget, neglect,	MSH	عمس to be effaced, take
forgive		no notice مخصص forgive
MRIG, cleanse, smooth,	MG	مجاج to soften by rubbing, sweep
curry, sweep		
* MRIKH, perish	MK	محق destroy امحق perish
MRIK, hurt, injure	MK	مهك bruise, pound

GHARSHA, friction		GSH قش to rub w. hand
FRIC-tion, rubbing	Eng.	FRC فرك to rub w. hand
L ₃ * SARĀKAR-A, of sugar		SKR سكر sugar, SUGAR
* SACCHAR sugar	Eng.	SKR سكر sugar
* SRAN, give, bestow		SN احسن do good, give alms cf. صنع benefit
* NARD, roar, yell		ND ندى to re-echo ندا call
* NAD, resound, cry, roar		ND ندى to re-echoe ندا call
H ₂ CHARCH, abuse, discuss		KS قس slander قص relate
PARCH, ask		PS فحص to enquire
KRITH, to boil		KT كت to boil
H ₂ MRISHA, falsely, wrongly		MS مسح to lie سسا to wrong
MRISHA-GN-ana, false knowledge		prec.+ZN ظن know
L ₂ SIRPA, seive		SP صفي filter, clarify
SIEVE, sift (SIFE)	Eng.	SP صفي filter cog. w. SIF-t
H ₂ ORJAY, strengthen, feed		OJ=OZ عز strengthen OZ=KZ غذى feed
SKRT, dung		SKT سذخت dung
H ₂ L ₃ CHARV, chew (KRV), eat		KV=KB قب gnash teeth قأب eat
CHEW Eng. چيانا		KW=KB قب gnash teeth
H ₂ CHRISH, drink, suck		KS قصع allay thirst قث pull
pra-ti-PARS-na, counter question		PR=VR ورا in front PS فحص enquire
KART, slacken		KT كت walk slowly
SRAKSH, to trouble or care about		SKS شخص to be troubled, anxious
KAPARDA, shell	K/S	KPD=SPD صند sea-shell
SPRIS, touch		SBS شبت to cling to, lay hold of
PRASU-ika, inquirer		PS فحص to enquire
L ₃ PEET-na, to beat	Hiudi	BT هبط to beat
PRIT, combat, battle	Skt.	BT هبط to beat
BATT-le, beat	Eng.	BT هبط to beat
com-BAT, beat	Eng.	BT هبط to beat
BEAT	Eng.	BT هبط to beat
PRIT-ana, hostile, battle		BT هبط to beat
H ₃ pra-MRIG, pure, cleansed, bright, polished		MG=MZ محض pure مضج dart rays (sun) مضج rub, to sweep
L ₂ apn-SARPA, spy		SP شان look f. above

SPY, to see	Eng.	SP شان look f. above
* SRAP, curse		SB سب to curse
* a-MARDA, pulling, pressure		MD مد to stretch
* a-MARSA, contact		MS مس to touch
H ₂ KARISHA, refuse (dry)		KS خشى dung of cattle used as fuel
cow-dung,		قش stubble
ANU-KARSHA, drawing after	AN عن after KS قث draw	
KRISH, draw, plough	KS قث drag (hence plough)	
L ₃ AKARSHA, attraction	KS قث draw	
	كچهنا - كشيدن	
AKRISHA-vat, drawn	KS قث draw	
HRAD, pond	NV	HD حاض collect water حوض tank
KRISH-aka, husbandman		KS قث to draw i.e. plough
KRISHI, field		KS فث draw i.e. drawn upon= field
KRISH-ta-SA-mi-kri	KS قث to drag i.e. plough	
plough and roll	S سوي make even	
KRISH-na, dark, black	KS قسا be dark (night)	
* KRISH-na-GA-ti, black-pathed	prec.+G حج to go حجة road	
* KRISH-na-VAR-na, black coloured	prec.+VR وري to disguise	
KRISH-ni, night (the black one)	KS قسا to be dark (night)	
L ₂ KRISH-ya, to be ploughed	KS قث to pull, drag	
KRISH-ni-ka, blackness	KS قسا be dark	
KESA-KARSH-ana, pulling hair	KS كشة lock of hair KS قث to pull	
L ₃ KRASH-tavya, to be dragged	KS قث to pull, drag	
KASHI-dan, pull, draw Pers.	KS قث to pull	
KHICH-na, be drawn (Hindi)	KS قث to draw	
H ₂ DHRAG, wander (wind, bird)	DG هلع walk w. short steps, glide, sweep i.e. drag	
GRIDH-GIDH, covet	to walk gently دحج drag along	
H ₂ VRJ, bend, remove, exclude	KD أكد be greedy	
	VJ عوج bend VJ=VZ وذا drive away	

Remove Intrusive M

AmSA, share	AS حصة share
* AmSA, shoulder	AS عصا support
* AmSA-KUTA, top of shoulder	AS عصا support KT=ST سطح top

* AmSA-la, strong, powerful	AS عضا support i.e. strong-shouldered)
* AmSA-PHALAKA, shoulder blade	AS عضا support+PLK فلقة splinter
AmS-u, radiant	AS اشع spread rays (sun)
* KAmSA, goblet	KS كأس cup cf. قسعة bowl
DAmS, bite	DS ضهس to bite w. teeth
DAmSH-tra, fang	DS ضهس to bite w. teeth nfv.
DAmSA-na, wondrous deed	DS دهش be astonished
H ₃ AmSU, juice, ray, stalk	AS عصا press اشع spread rays support
Mam-SA, meet	MS محصص to dress (meat) nfv.
DAmS, be wondrous	DS دهش be astonished
AmH-as, distress, need, sin	AH عاهة bane, calamity, evil
AmHU-ra, distressed	AH عاهة calamity
DAmS-tra, hvg. tusks	DS ضهس bite w. teeth nfv.=tooth
* SU-na-MAmSA, meat	S حس to slaughter+
fresh f. slaughter house	MS محصص to dress (meat) nfv.

Remove intrusive V

ati-TAVAR-ita, precipitate	TR طار to hasten عتا exceedingly
sa-TAVARA, w. haste	TR طار hasten SA شاع accompany
GAVALI-ta, ignited	GL=ZL زلع to burn
L ₂ GAVAL, blaze, burn (JVAL)	GL=ZL زلع blaze, burn
DVISH, hatred	DS دعث hatred
a-SVAP-nag, slumberless	SP=SB سبج to sleep
L ₂ SUP-ti, sleep	Skt. SB سبج to sleep
SOP, sleep	Latin SB سبج to sleep
AVAR-tin, returning	AR حار to return
L ₂ KVATH, to boil	KT كت to boil
KAVATH-A, boiling, decoction	KT كت to boil
KETT-le, vessel for boiling	Eng. KT كت to boil (pot) cog. w. كيلي
DHVAR, hurt	DR ضر injure
GVARA, fever	GR هجر be hot
TVAR, shine	TR طر shine
JVAR, be hot (GVAR)	JR هجر be hot (not connected w. وعر)

Remove intrusive L

KLES, hardship	KS قاسى undergo hardship
KLIS, difficulty, distress	KS قسى difficult, hard

GLAS, eat	GS كشى eat
CLUNCH, to go (n)	GS قش go away
KLESH, speak inarticulately	KSH كش to rustle
GALP, JALP=GAP, murmur	GP=ZP عزف to hum, mutter
L ₂ MLECH, speak indistinctly	MS همس chew, mumble, speak indistinctly

Please mark the beauty of Arabic word همس to chew, to speak indistinctly i.e. chew the words to make them indistinct. Similarly, mumble means, to chew, to speak indistinctly.

MUNCH, chew Eng. (n) MS همس to chew

N.B. Skeat says MUNCH is "doubtless an imitative word". Undoubtedly MUNCH is a nasalised form of همس which has become MLECH in Sanskrit with intrusive L and a different connotation. Similarly.

MUM-ble, bite, chew (B) Eng. MM=SMM صمم to snap w. teeth, S lost

MUM, silence Eng. MM=SMM صمام remain silent, S lost

H ₂ SHALB, boast, praise	Skt. SLF صلف to boast SB ثبى to praise
L ₂ -LAFI-dan, to boast	Pers. LF=SLF صلف to boast S lost
SOBHA, praise	SB ثبى to praise

مبجان الله و الحمد لله رب العلمين

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