Vedic Mathematics Teachers Course

Lesson 04
Translation of Letters Text into Numbers text

1. Devnagri alphabet letters are grouped as 9 vowels, 5 x 5 varga consonants, 4 Antstha letters, 4 Ushmana letters and 8 Yama letters.
2. As per the placements of letters within a group, they are associated their sequential placement values, designated as transcendental code values (in short TCV).
3. The letters text results into numbers text with replacement of letters by their TCV values.
4. Hereunder is the tabulation of Devnagri alphabet with TCV values of its letters

Devnagri alphabet with TCV values

Nine vowels

Letters	अ	इ	उ	ऋ	लृ	ए	ओ	ऐ	औ
TCV	1	2	3	4	5	6	7	8	9

5 x 5 Varga consonants

Letters	TCV Values
क ख ग ध ड़	1 2 3 4 5
च छ ज झ ञ	2 3 4 5 6
ट ठ ड ढ़ ण	3 4 5 6 7
त थ द ध न	4 5 6 7 8
प फ ब भ म	5 6 7 8 9

Anthstha letters:

Letters	TCV Values
य र ल व	1 3 5 7

Ushmana letters:

Letters	TCV Values
श स ष ह	2 3 6 9

Yama letters

Letters

TCV Values 9 10 11 12 13 14 15 16

5. Illustration

   Hereunder is the translation of letters text of Ganita Sutra 1 into numbers text of Ganita Sutra 1

   Ganita Sutra-1 एकाधिकेन पूर्वेण
   Letters = 16, TCV = 68

SN	1	2	3	4	5	6	7	8	9
Letter	ए	क्	आ	ध्	इ	क्	ए	न्	अ
TCV	6	1	2	7	2	1	6	8	1
SN	10	11	12	13	14	15	16		
Letter	प्	ऊ	र्	व्	ए	ण्	अ		
TCV	5	6	2	7	6	7	1		

6. One may undertake exercises of translation of letters texts of other Ganita sutras and Upsutras into numbers text.

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