

Sri – Om
VEDIC MATHEMATICS AWARENESS YEAR

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'Credit goes to Swami Bharti Krshna Tirtha Ji Maharaj to focus the attention of present generation about the values of Ganita Sutras (mental Mathematics Sutras)'

All are invited to join Awareness program

All are warmly invited to join the awareness program of Vedic Mathematics. All teachers, parents and students are invited to Learn and Teach Vedic Mathematics for proper intelligence growth at School.

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Vedic mathematics, Science & Technology
UNIVERSITY CONCEPT

XIX

Transcendental Code Value Dictionary

[(Source Theme) Om (ॐ) Aum (ओम) Parnava (प्रणव), -- settle sequential organization format

1. Documentation of transcendental code values, starting from individual alphabet letters and having coverage for syllables and words formulations of Vedas and Vedic literature is a big assignment.
2. This assignment naturally is to be undertaken in an institutionalized manner where VMS & T university is to come forward.
3. The sequential formulations like **Om (ॐ) Aum (ओम) Parnava (प्रणव)**, would be requiring special attention.
4. Infact every sequential string of formulations would deserve to be attended with specific attention.
5. There are a very large number of such string formulations.
6. Illustratively (भू, भवः स्वः, महः जनः तपः) and (सत्य) is very prominent seven steps long string.
7. Maheshwara Sutras constitute 14 steps long string.
8. Saraswati Mantras constitute ten steps long string.
9. Gyatri mantra constitutes 23 steps long string.
10. Nakstras constitute 27 steps long string.

4. Shad Chakras constitute 6 steps long string.
5. Trimurti constitute three steps long string.
6. Ganita Sutras constitute 16 steps long string.
7. Ganita Upsutras constitute 13 steps long string.
8. Rigved, yajurved, samved and Atharavved constitute four steps long range.
9. Rik, Yajur, Sam and Atharav constitute four steps long range.
10. Ten mandals of Rigved samhita constitute ten steps long string.
11. Eight Austhaks of Rigved Samhita constitute eight steps long range.
12. 64 chapters of Rigved samhita constitute 64 steps long string.
13. 85 Anuwaks constitute 85 steps long string.
14. 432000 syllables of Rigved constitute 432000 steps long string.
15. And like that there are very large number of strings to be attended too.
16. TCV Dictionary is to be of many parts.
17. One part of this dictionary is going to be of number value formats.
18. These number values formats are to be parallel to 26 steps long string of 26 meters.
19. The inter-relationship by way of transition from TCV and NVF and vice versa is going to bring into a very big exercise.
20. One part of TCV Dictionary would be about different strings of elements.
21. Panch Mahabhut (Earth, Water, Fire, Air, Space is going to be one such string of elements.
22. Twenty four elements of 6-space is going to be another such string.
23. 25 elements of Sankhya Darshan is going to be another such string.
24. Srimad Bhagwad Mahapurana illustrates about many such streams of elements.
25. Other Vedic Systems as well preserve many strings of element features of different branches of Vedas is to constitute one distinct part of TCV dictionary, infact, this is going to be one of the most challenging assignments.
26. My grow filming and printing and computerization of manuscripts would constitute another challenge.
27. Re-construction of Vedic Scriptures in the light of inner evidence of the available scriptures is going to be another very big challenge.
28. Interpretation of the scripture is going to be the real challenge.
29. Training trainers for preparing scholars for compilation of TCV dictionary is going to be the first challenge.

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VMS & T Project
School Text Books
(Class IX, X, XI & XII)

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VMS & T Text Book Class XII
(6-space)

- Chapter – 1 Surya (Sun)
Chapter – 2 Earth to Sun range
Chapter – 3 6, 6 x 6 and 6 x 6 x 6
Chapter – 4 Hexagon
Chapter – 5 Sathapatya measuring rod

VMS & T Text Book Class XII
(6-space)

Chapter – 6
सविता
SAVITA

1. The word formulation 'सविता' is a composition of three syllable (i) 'स, (ii) वि, (iii) ता'
2. Triple syllables (स, वि, ता) accept triple TCV values (4, 9, 6).
3. The triple numbers (4, 9, 6) with their placements in the sequence (4, 9, 6) along ten place value system to constitute number 496, which is a perfect number.
4. The sequence of triple numbers (4, 9, 6) is an arrangement for the sequential triple (4, 6, 9), such that a three placement number comes at the middle of the pair of first two numbers (4, 6)
5. The third placement number coming to the middle placement is of the format and features of fixation of the middle point of a pair of given points.
6. It is parallel to the exercise of fixation of the middle of a pair of given points, which exercise is going to be of three steps, of which the first step would amount to fixation of first given point, second step point would be fixation of second given point and third step would be to reach at middle of given pair of point
7. The sequential triple (4, 9, 6) permits us to reach at their re-organization as (4, $4 \times 3 / 2$, $4 \times 3/2 \times 3/2$).
8. This re-organization (4, $4 \times 3 / 2$, $4 \times 3/2 \times 3/2$) permits re-organization as $(4 \times 3/2)^0$, $(4 \times 3/2)^1$, $(4 \times 3/2)^2$.
9. A reach at middle of a given pair of points, brings into a process of ad-infinitum steps to bridge the gap between the given pair of points.
10. Here it would be relevant to note that the number sequence (1, 2, 3, ---) as attainment reach steps ranges [1, (1, 2), (1, 2, 3), (1, 2, 3, 4), ---] shall be

providing a reach at the sequence ($2^0, 2^1, 2^2, 2^3, \dots$) where value $2^0=1$ is parallel to only single arrangement $1 = 1$, pair of arrangement for $(1, 2)$ being parallel to $2 = 1 + 1$ and $2 = 1 + 1$ and likewise $2^2 = 4$ is parallel to the arrangements $3 = 3, 3 = 1 + 2, 3 = 2 + 1$ and $3 = 1 + 1 + 1$ and so on for subsequent values arrangements for $2^3, 2^4$.

11. This reach as per the rule of Ganita Sutra 1, when would be chased further in terms of the rules of Ganita Sutra 1 and Ganita Sutra 2, the same shall be helping us reach at the structural features of initial perfect numbers.
12. Here it would be relevant to note that Ganita Sutra 1 as its first letter being the sixth vowel parallel to which is number 6, which is the perfect number.
13. Ganita Sutra 2 text avails 28 letters, parallel to which is number 28 which is the next perfect number.
14. Perfect number 6 is having three proper divisors namely (1, 2, 3) with their summation value being $1 + 2 + 3 = 6$, which makes 6, a perfect number.
15. Perfect number 28 accepts five proper divisors namely (1, 2, 4, 7, 14) which summation value $(1 + 2 + 4 + 7 + 14) = 28$, which feature makes 28 as a perfect number.
16. Perfect number 496 accepts 9 proper divisors namely (1, 2, 4, 8, 16, 31, 62, 124, 248) with summation value $(1 + 2 + 4 + 8 + 16 + 31 + 62 + 124 + 248) = 496$ which makes 496 as a perfect number.
17. One may have a pause here and take note and revisit the above features and reach at following tabulations :

(Col 1) = Serial number (Col 2) = Perfect number (Col 3) = Proper divisors sum (Col 4) = Number of proper divisors (Col 5) = String of power of two
(Col 5) = Prime proper divisor.

Sn	C-1	C-2	C-3	C-4	C-5
1	0	0	0	X	0
2	6	$1+2+3$	3	2^0 to 2^1	3
3	28	$1+2+4+7+14$	5	2^0 to 2^2	7
4	496	$1+2+4+8+16+31+62+124+248$	9	2^0 to 2^4	31
5	8128	$1+2+4+8+16+32+64+127+254+508+1016+2032+4064$	13	2^0 to 2^6	127
6	33550336	$1+2+4+8+16+32+64+128+256+512+1024+2048+4096+8191 \times 1 + 8191 \times 2 + 8191 \times 4 + 8191 \times 8 + 8191 \times 16 + 8191 \times 32 + 8191 \times 64 + 8191 \times 128 + 8191 \times 256 + 8191 \times 512 + 8191 \times 1024 + 8191 \times 2048$	23	2^0 to 2^{12} ,	8191

18. The perfect numbers string (0, 6, 28, 496, 8128, 33550336) with proper string of proper divisors (0, 3, 5, 9, 13, 23) and the string of powers of two (2^0 to 2^1 , 2^0 to 2^2 , 2^0 to 2^4 , 2^0 to 2^6 , 2^0 to 2^{12}) and prime divisor string (0, 2 and 3, 7, 31, 127, 8191) deserve to be chased in respect of the numbers string (0, 1, 2, 3, 4, 5, 6) and parallel to it along hyper cube string ($H_0, H_1, H_2, H_3, H_4, H_5$) within hyper cube format along its measuring rod.

19. This chase as of placement (H_3) for perfect number (496) and triple artifices (4, 9, 6) and parallel to it of triple syllables (स, वि, ता) and the resultant word formulation (सविता) deserve to be chased continued to have proper comprehension and appreciation of formulation (सविता)
20. Scriptures approach this formulation (सविता) of meanings and features being transcendental (5-space) values of Surya (सूर्यः) and Aditaya (अदित्यः) accepting TCV values pair (26, 29); TCV (Surya) = 26 and TCV (अदित्यः) = 29.
21. It would be relevant to note that the four fold manifestation layer (26, 27, 28, 29) of hyper cube 28 and TCV (ब्रह्म) = 28 brings us face to face the transcendental (5-space) Phenomenon of transcendence range (6, 7, 8, 9, 10) / (6-space, 7 -space, 8-space, 9-space, 10-space)of the format Sun, Pole Star, Asht Prakrati, Nav Braham and Par Braham.

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