Sri – Om
VEDIC MATHEMATICS AWARENESS YEAR

'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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ISSUE NO 101

श्री ॐ *Sri-Om*
VEDAS ARE WRITTEN ON RAYS OF SUN
Let us learn to read it

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I
Shakala Rigved Samhita
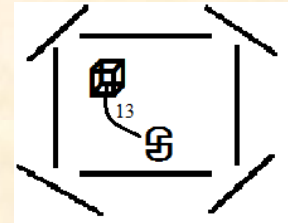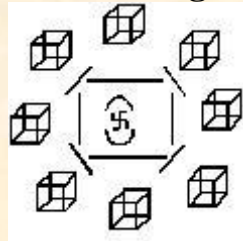### FIRST RICHA

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LEARNING STEPS

1. **Organization foundation format**
2. **Reach from Hyper cube 4 to Hyper cube 5**
3. **Reach from Hyper cube 5 to Hyper cube 6**
4. **Hyper cube 4 format for each letter of Devnagri alphabet**

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"अग्निमीले पुरोहितं यज्ञस्य देवमृत्विजम् ।
होतारं रत्नधातमम् ।। 'ऋ१–१–१'"

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Recapitulation
Organization foundation format

FIFTH LEARNING STEP
Chase of 432000 akshras along
geometric formats within 4-space
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Recapitulation

1. Hyper cube 4 format for each letter of Devnagri alphabet shall be bringing to focus the 4-space domain as the creative domain.
2. 5-space plays the role of 4-space (origin fold of hyper cube 5)
3. Within 4-space domain, solids have a degree of freedom of motion, which manifests as 13th edge of 12 edged cube (hyper cube 3)
4. Hyper cube 5 is a solid order set up.
5. A three dimensional frame permits a split into a pair of three dimensional frames of half dimensions within spatial order 4-space.
6. With it the placement of three dimensional frame as a pair of three dimensional frames goes parallel to artifice '33'.
7. With it the coordination of 13 edged cube with the split organization of three dimensional frame leads to 13 x 33 coordinates (13 x 33 = 429) coordinates.
8. Further the spatial order of 4-space leads to 33 x 33 = 1089 values format.
9. This as such leads to the range of 429 x 1089 values range.
10. Here it also would be relevant to note that 12 x 33 x 33 x33 = 431244 and 13 x 33 x 33 x33 = 467 181
11. The 12 edged cube set up and 13 edged cube set up are of values difference range 33 x 33 x 33=35937.
12. Further as that 432000- 431244 = 756
13. Still further as that out of 432000 akshras (syllables) of text of Rigved samhita, 34735 are un-manifest (unwritten letters)
14. One may have a pause and be face to face with the following artifices
    (i)   432000
    (ii)   432000 = 431244 + 756
    (iii)   34735
    (iv)   35937
    (v)   432 and 756
    (vi)   12 x 33 x 33 x 33
    (vii)   13 x 33 x 33 x 33

15. One may further have a pause here and revisit the set ups of
    (i)   Hyper cube 4 domain
    (ii)   12 edged cube
    (iii)   13 edged cube
    (iv)   Solid order (3-space in the role of dimension
    (v)   Hyper cube 5
    (vi)   Five dimensional frame of solid dimensions
    (vii)   Split of a three dimensional frame into a pair of three dimensional frames of half dimensions.
    (viii) Linear dimension (1-space in the role of dimension / hyper cube 1 domain as dimension)
    (ix)   Dimensional frame of three linear dimension (three dimensions of format of hyper cube 1 domain)
    (x)   Split for domain fold within three dimensional frame of three dimensions, each of artifice value 33

16. In the light of the above geometric format, one shall revisit the set up of 33 consonants with 4-space with hyper cube 4 format.

Fifth learning step

17. In the light of the above features of geometric formats within 4-space domain the range of 432000 akshar syllable deserve to be chased as an organization along geometric formats within hyper cube 4 domain.

18. Here it also would be relevant to note that 12 x 10 x 8 = 960 cubes will exhaustively envelope all the 10 creative boundary components of each of 12 transcendental (5-space) boundary components of self referral (6-space) domain of hyper cube 6

19. This together with 10 x 4= 40 coordinates needed for fixation of RIM of transcendental (5-space) domain will make a set up of 1000 components for complete fixation of the transcendental (5-space) boundary of self referral (6-space) domain of hyper cube 6.

20. Further there would be a need of 4 x 9 x 12 = 432 coordinates fixation of solid order (cube) of the transcendental (5-space) domain.

21. This as such shall be leading to the range of 432 x 1000 = 432000 coordinates range for complete fixation of the transcendental (5-space) boundary of self referral (6-space).

22. One shall visit and revisit this set up of complete fixation of transcendental (5-space) boundary of self referral (6-space) domain of hyper cube 6 in terms of 432000 coordinates format.

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to be continued….

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*   **03-02-2015,** Dr. S. K. Kapoor, *(Ved Ratan)*

Ganita Sutras objective &

short questions Tests
and full comprehension tests

Tests

1. General features tests
2. About Arithmetic operations on first principles
3. About broad coverage domain of Ganita Sutras
4. About Ganita Sutra 5
5. About Ganita Sutra 6
6. About pure and applied values of Ganita Sutra 1

Test – 7

About text of Ganita Sutra 1 (GS1)

Q 1. How many letters are availed in the text of GS1?

Q 2. In how many words the text of GS1stands composed?

Q 3. How many are the letters of first word of GS1?

Q 4. How many are the letters of second word of GS1?

Q 5. What is the TCV value of first letter of the text of GS1?

Q 6. What is the TCV value of last letter of the first word of text of GS1?

Q 7. What is the TCV value of the first letter of the second word of the text of GS1?

Q 8. What is the TCV value of the last letter of text of GS1?

Q 9. Express your comprehension of continuity of the format and features of first word and second word of the text of GS1?

Q 10. TCV values pair (of first and last letters of first word is (6, 1) and TCV values pair (5, 1) is of first and last letter of the second letter of GS1?

Q 11. Workout the organization features of the text of GS1 as a pair of distinct formats of first word and second word of GS1?

Q 12. Express your comprehension of the format and features of first letter of the text of GS1 as sixth vowel and of TCV value 6?

Q 13. Express your comprehension of the format and features of second letter of the text of GS1 as first consonant of creative (4-space format)?

Q 14. Express your comprehension of coordination of the format and features of first and second letter of the text of GS1?

Q 15. Express your comprehension of transition features from the format of first letter to the format of second letter of GS1?

Q 16. Express your comprehension of the format and features of third letter of the text of GS1?

Q 17. Express your comprehension of format and features of first three letters of the text of GS1?

Q 18. Express your comprehension of triple artifices (6, 4, 2) as a transcendence triple of the format and features of (6-space as domain, 4-space as dimension, 2-space as dimension of dimension)?

Q 19. Express your comprehension of the word formulation (एक)?

Q 20. Express your comprehension of the word formulation (एका)?

Q 22. Express your comprehension of the word formulation (अध)?

Q 23. Express your comprehension of the word formulation (आध)?

Q 24. Express your comprehension of the word formulation (अधि)?

Q 25. Express your comprehension of format and features of triple letters (इ, क्) as a parallel to artifices triple (2, 4, 6) parallel to TCV values triple (2, 4, 6) being further parallel to transcendence triple (2, 4, 6)?

Q 26. Express your comprehension of quadruple artifices (2, 4, 6, 8)?

Q 27. Express your comprehension of artifices quadruple (2, 4, 6, 8) as transcendence quadruple (2, 4, 6, 8)?

Q 28. Express your comprehension of synthetic values of single, double, triple and quadruple spatial dimensions?

Q 29. Express your comprehension of TCV values pair (6, 1) of first and last letters of first word of the text of GS1?

Q 30. Express your comprehension of artifices pair (8, 1) permitting organization as $(2^3, 1^3)$ in reference to format and features of 8th and 9th letters of first word of GS1?

Q 31. Express your comprehension of artifices pair (1, 5) parallel to format and features of last letter of first word and as first letter of the second word of the text of GS1?

Q 32. Express your comprehension of paired pairs of artifices (1, 5) and (5, 1) parallel to the TCV values of last letter of first word and first letter of the second word, has first pair and as TCV value of first letter and TCV value of last letter of the second word of the text of GS1?

Q 33. Express your comprehension of TCV values pair of first letter and second letter of the second word i.e. (5, 3 + 3)?

Q 34. Express your comprehension of TCV values of second letter and third letter of second word of GS1, i.e. (3 + 3, 1 + 1)?

Q 35. Express your comprehension of the TCV values range of 7 letters of the second word of text of GS 1?

Q 36. Express your comprehension of the TCV values range of 7 letters in reverse order of second word of the text of GS1?

Q 37. Express your comprehension of TCV values range of 7 letters in reverse order of second word of the text of GS1? And TCV values range of 10 letters of the text of Ganita Upsutra 1?

Q 38. Express your comprehension of TCV values range of 16 values of 16 letters of text of GS1, and the format and features of Ganita Sutra 1, Ganita Sutra 16?

*   03-02-2015   Dr. S. K. Kapoor, *(Ved Ratan)*