Vedic Mathematics, Science & Technology Teacher Course

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VISHWA-RUP

This day the course focus is upon 'Vishwa-rup'. It four folds aspects being taken up are as follows:

57. Tri-Shapta
58. Vishwa-rup
59. Formulation Agni
60. Dimensional synthesis phenomenon

The values being covered are to be taught as lessons numbers 57 to 60 to the students of 3-space Vedic Mathematics, Science & Technology.

LESSON-57

TRI-SHAPTA

1. Very first quarter of first mantra of Athrav Ved Samhita enlightens about formulation 'Tri-Shapta', will literally mean '3 and 7'.
2. The interrelationship of values pairs (3, 7) makes a very rich mathematics values spectrum.
3. Of these, the parallel value of 3-space having seven geometries range and cube, the representative regular bodies of 3-space, is having 7 versions.

4. Further 'six' as the first perfect number is having '3' is the biggest proper prime divisor of '6', and '28' is the second perfect numbers, and it is having '7' as the biggest proper prime divisor of 28.
5. Further '3' is the smallest odd prime and '7' is the biggest prime numeral of ten place value system.
6. Further formulation tri, literally means '3' and transcendental code value of formulation tri is '7'.
7. Values pairs (3, 7) is having a jump over a in-between odd value '5', and this is the feature of Divya Ganga flow quadruple (9, 7, 3, 1).
8. Triangle is the set up of seven structural components namely (3 corner points, 3 edges and 1 surface area).
9. 1-space has three geometries range and ahead 3-space as 7 geometries range.
10. Student shall sit comfortably and to permit the mind to comprehend these values and features of formulation Tri-Shapta.

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LESSON-58

VISHWA-RUP

1. Shatpat Brahman (Kanda 5, Adhiya 5, Brahman 4, Kandika 2) preserves formulation 'Vishwa-Rup' as of the set up of three heads and six eyes.
2. This formulation and its values description, as it is, lead us to the set up of three spatial dimensions.
3. It is this value and feature of 3-space set up will help us reach at the internal organizational set up of cube, the representative regular of 3-space.

4. Teacher shall in a very gentle step, demonstrate the cut of 3-space into eight octants, and parallel to it the cut of a cube into eight sub cubes.
5. Teacher shall further pointedly focus the spatial base for each axis of dimensional frame of 3-space.
6. Teacher shall further, pointedly focus as that the internal organization of the cube, domain fold, permits approach in terms of dimensional frame of three spatial dimensions.
7. Student shall distinctively comprehend the three dimensional frame of linear dimension, and three dimensional frame of spatial dimensions.

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LESSON-59

FORMULATION AGNI

1. The first word formulation of very first Richa/Mantra of Shakla Rig Ved Samhita is 'Agni'.
2. Agni literally means fire, and it is the third element of five basic elements, namely 'earth, water, fire, air, space'.
3. Word formulation Agni accepts transcendental code value $(1+2+3+8) = 14$.
4. Value 14 permits re-organization as $14 = (2+3+4+5)$, which is parallel to four folds manifestation of hyper cube 4, the representative regular body of creator's space (spatial order 4-space).
5. It would further be blissful to take note, the values quadruples (1, 2, 3, 8) permits re-organization as (1x1, 1x2, 1x3, 2x4), which is parallel to the dimensional order mathematics of linear order 3-space of three dimensions

transits and transforms into the set up of spatial order of 4-space.

6. Swateshwara Upanishad enlightenment is that by sequential steps of (1, 2, 3, 8), one attains liberation from this word, a linear order world.

7. Teacher shall very gently expose the student to this transition phenomenon of reach from linear order set up of 3-space to spatial order set up of 4-space.

8. Student shall comprehend and imbibe the distinctive features of linear order of domain fold of 3-space from the spatial order of the origin of 3-space.

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LESSON-60

DIMENSIONAL SYNTHESIS PHENOMENON

1. One of the basic values of discipline of Vedic Mathematics, Science & Technology is about the phenomenon of dimensional synthesis.

2. As here, in the set up of 3-space bodies 'cube' as representative regular bodies of 3-space, linear axis accepts spatial base, as such teacher shall pointedly expose student about (i) synthesis of linear dimension (ii) synthesis of spatial dimension (ii) difference value synthesis of linear dimension and equal number of spatial dimensions.

3. Synthesis of linear dimension lead to following values sequence:

   (i)   Single linear dimension leads to synthesis value '1'.

(ii)   Pair of linear dimensions lead to synthesis value (1+2).

(iii)   Triple linear dimensions lead to synthesis value (1+2+3) = 6

(iv)   ……………

(v)   (N linear dimension lead to synthesis value (1 + 2 + 3 + …. +N).

4. Single spatial dimension leads to synthesis value 2.
5. Pair of spatial dimension lead to synthesis value 4.
6. Triple spatial dimensions lead to synthesis value 6.
7. …………
8. N of spatial dimension lead to synthesis value 2N.
9. The difference of single linear and spatial dimension leads to synthesis value = '2-1' = 1
10. Difference of pair of linear and spatial dimension synthesis value equal to '3-4' = -1.
11. Difference of triple linear and spatial dimension synthesis value '6-6' = 0.
12. This difference of quadruple linear and spatial dimension synthesis value '10-8' = 2.
13. Difference of five linear and spatial dimension synthesis value (15-10) = 5 = (2+3).
14. Difference of six linear and spatial dimension synthesis value = (21-12) = 9 = (2+3+4).
15. …………………
16. Teacher shall very gently expose the above pattern of differences of synthesis values of equal number of linear and spatial dimensions (-1, -1, 0, 2, 5, 9 …).
17. It would be blissful to take note that the sequential difference of consecutive values of above sequence lead to the sequence (1, 2, 3, 4, 5, 6 …).

18. It is this sequence which deserves to be comprehended well.
19. Teacher shall further very gently expose the student as that at the above value difference sequences equally apply to any consecutive order like above of linear and spatial dimensions, which a step ahead, would be of spatial and solid dimensions, solid and creative dimensions and so on.
20. This feature deserves to be comprehended well.

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