

**Sri – Om**  
**VEDIC MATHEMATICS AWARENESS YEAR**

E-Newsletter Issue no 80 dated 08-01-2015

For previous issues and further more information visit at [www.vedicganita.org](http://www.vedicganita.org)

*'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.*

Dr. S. K. Kapoor  
 Sh. Rakesh Bhatia  
 Sh. Bhim Sein Khanna  
 Sh. Deepak Girdhar  
 - Organizers

**ISSUE NO 80**

Content	Pages
VMS & T text books Class 9, 10, 11, 12	01-11
Query received	12-12

**VMS & T Text books**  
**(Classes 9, 10, 11 & 12)**

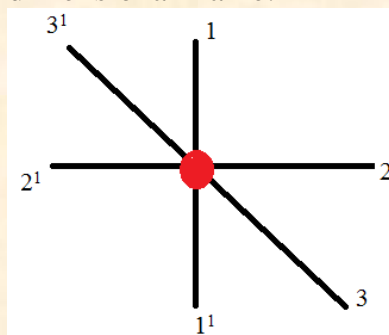


1. Ancient wisdom Discipline of Vedic mathematics, Science & Technology, on it revisit and Exploration brings to focus that for making it a main stream Discipline of instructions of School Education, first step would be to settle graded text books for high and higher secondary's classes (class 9 to class 12).
2. To set the ball rolling, here is being drawn first outline of these text books, to initiate the discussion with an aim to reach at desired text books.
3. Ancient Discipline of VMS & T is of higher dimensional formats which inherently are of the features of sequentially multi dimensional set ups.
4. These as such are designated and accepted as 'Triloki and Trimurti'.
5. The formats of 'Triloki and Trimurti', as such, in a way are of features and values of '3-space, 4-space, 5-space and 6-space'.
6. This being so, parallel to it, the outline of text books for classes 9, 10, 11 & 12 are concentrating upon 3-space, 4-space, 5-space and 6-space respectively, step by step with 3-space being focus of chase in text book of class 9, while 4-space, 5-space and 6-space are being sequentially chased in text books of class 10, 11 & 12 respectively.

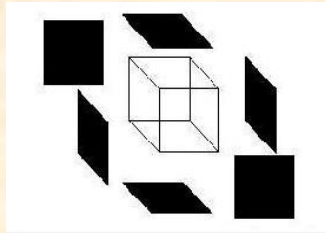
## VMS & T text book of Class 9

### Introductory

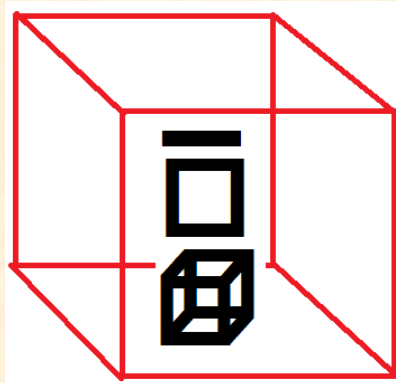
7. Each space has its distinct, Mathematics, Sciences and technologies. The values of all these Disciplines constitute a distinct format, which is designated as Mathematics, Science & Technology format of the 'space'.
8. Ancient Wisdom of Vedic Systems lead to such formats, which are being designated as Vedic Mathematics, Sciences and Technology formats.
9. Mathematics chases 'space'. Sciences chase space matter. Technologies chase dimensional bodies. 3-space has its own Mathematics, Sciences and Technologies, which may designated as 3-space mathematics, 3-space Sciences and 3-space Technologies.
10. The values of these 3-space Disciplines, lead to wholesome Discipline, namely, 3-space Mathematics, Science & Technology format.
11. Vedic Wisdom systems reach towards it leads to 3-space Vedic mathematics, Science & Technology format.
12. Basic components of this Discipline are sets of values of 3-space (Triloki) 3-space matter (content), 3-space bodies (hyper cube 3).
13. Present year's instructions focus is upon 3-space Vedic mathematics, Science & Technology format.
14. Centre of focus is going to be the format of 'cube' which makes 'cube', 'hyper cube-3', a set-up of (i) linear order (1-space content manifesting & playing the role of dimension / axis (ii) Spatial order (2-space content manifesting and playing the role of boundary being the set up of six surface plates (iii) 3-space content manifesting and playing the role of domain fold (volumme).
15. Center of focus of these instructions is going to be the reach of the format of 'cube' which comes to be the features of hyper cube-3 having four folds, namely.
  - (i) Linear order, that is 1-space content manifests and plays the role of dimension / axis, three of which together make a 3-dimensional frame for 'space' to make it a 3-space with space itself playing the role of origin of this dimensional frame.



- (ii) Spatial boundary, that is, 2-space content manifesting and playing the role of boundary fold permitting its split into 6 parts, parallel to 6 parts of 3 axes.



- (iii) Solid domain (volumme), that is , 3-space content manifesting and playing the role of domain (volumme) permitting in terms of ‘single, double and triple areas’ steps all at a time as well.



- (iv) Hyper solid origin fold, that is space transcends its three dimensional frame and manifests as 4-space content format origin. Its synthesize three linear dimensions and constitutes a three dimensional frame. During this synthesis, it makes each axis a pair of half axes. And half axis as a pair of quarter of axis, whereby cube splits into 8 sub cubes. And sub cube further splits into 8 sub sub cubes.

### Text book content

16.Focus of chase of VMS & T text book of class 9 is ‘3-space’.

17.This text book is being outlined as of 12 lessons:

Chapter 1 Cube (📐)

Chapter 2 Geometric envelope of cube (📐)

Chapter 3 7 versions of cube (📐)

Chapter 4 Eight octant cut of 3-space

Chapter 5 Nine points fixation of a cube

Chapter 6 Ten Directional frame

Chapter 7 Hyper cube 3 format

Chapter 8 Zero signature geometry format as the starting point for  
Ganita Sutras format

Chapter 9 Three place value system

Chapter 10 Different roles of 3-space

Chapter 11 Cube and Sphere

Chapter 12 Triloki and Trimurti



**VMS & T University text book class X****Introductory**

18. Vedic Systems settle 4-space as creator's space (4-space).
19. Lord Brahma, 4 head lord is the presiding deity of 4-space.
20. Idol of Lord Brahma, creator the supreme manifests formats for creations.
21. Creations along format of idol of Lord Brahma are four fold manifestation layers.
22. Idol of Lord Brahma itself, as well acquires features of four fold manifested creations.
23. The four folds of Idol of Lord Brahma being manifested creations are (2, 3, 4, 5) / (2-space content manifesting in the role of dimensional fold, 3-space content manifesting in the role of boundary fold, 4-space content manifesting in the role of domain fold, 5-space content manifesting in the role of origin fold).
24. This manifestation layers (2, 3, 4, 5) makes idol of Lord Brahma being hyper cube 4.
25. Cube is of the format and features of hyper cube 3 / a four fold manifestation layer (1, 2, 3, 4) / (1-space content manifesting in the role of dimensional fold, 2-space content manifesting in the role of boundary fold, 3-space content manifesting in the role of domain fold, 4-space content manifesting in the role of origin fold).
26. In general hyper cube  $n$  manifests as a four fold manifestation layer ( $n-2$ ,  $n-1$ ,  $n$ ,  $n+1$ ) / ( $n-2$ ) space content manifesting in the role of dimensional fold, ( $n-1$ ) space content manifesting in the role of boundary fold, ( $n$ ) space content manifesting in the role of domain fold, ( $n+1$ ) space content manifesting in the role of origin fold).
27. VMS & T University text book of class  $x$  focuses upon chase of 4-space.
28. This chase (of 4-space) is in continuity of chase of 3-space.
29. 4-space is the creator's space (4-space).
30. As such creator and creations become the subject matter of chase during this year of schooling.
31. The broad features which deserve to be chased in respect of 4-space, 4-space content and 4-space bodies may be as under:

**Text book content**

- Lesson – 1 Lord Brahma
- Lesson – 2 Lotus

- Lesson – 3 4-space
- Lesson – 4 4-space content
- Lesson – 5 4-space body
- Lesson – 6 Spatial Dimension
- Lesson – 7 Solid boundary
- Lesson – 8 Hyper solid domain
- Lesson – 9 transcendental (5-space) origin
- Lesson – 10 self referral (6-space) base
- Lesson – 11 Unity state format
- Lesson – 12 Creation
- Lesson – 13 Transcendental (5-space) from manifested creations

## **VMS & T Text book for class XI**

### **Introductory**

Let us focus upon 'value of number 5 and upon artifices of number five.

32. We shall proceed to settle the instructions which shall be made part of the VMS & T Text book of Class XI focusing upon 5-space. And the Existence Phenomenon of 5-space.
33. The Existence Phenomenon of 3-space which is of linear order is formatted in terms of element 'Earth'.
34. Existence Phenomenon of 4-space which is of spatial order is formatted in terms of second element 'water'.
35. Existence Phenomenon of 5-space which is of solid order is formatted in terms of third element 'fire'.
36. Existence Phenomenon of 6-space which is of hyper / creative order (4-space as dimension) is formatted in terms of fourth element 'air'.
37. Existence Phenomenon of our universe acquires unified format of 7-space which is of transcendental (5-space) order as dimension and same is formatted in terms of fifth element (space) and the same becomes of the order of our solar universe with pole star as its origin.
38. Focus of VMS & T book class XI is upon transcendental (5-space) domains.
39. Format features and values are of various aspects however, in the present text book, only following aspects are being taken up:

### **Text book content**

- i. NUMBER 5 AND 5-SPACE
- ii. Number 5 and Five fold format
- iii. Reach at the transcendental (5-space) base

- iv. अव्यक्तो अव्यक्तात् सनातन Avakato Avaktat Sanatana (Eternity format)
- v. Ten place value format and five place value format
- vi. Emergence of Sky within space
- vii. Manifestation of Hyper cube 5 along hyper cube 4 format
- viii. Along Transcendence Range format of Hyper cube 5 Artifices Range (3, 4, 5, 6, 7)
- ix. Along the format of Ganita Sutra 3 ऊर्ध्वतिर्यग्भ्याम् । *Urdhva tiryagbhyam*
- x. Along the format of Ganita Sutra 7 संकलव्यवकलनाभ्याम् । *Sankalana-vyavakalanbhyam*
- xi. Along the format of Ganita Sutra 8 पूरणापूरणाभ्याम् । *Puranapuranabhyam*
- xii. Along the format of Ganita Sutra 9 चलनकलनाभ्याम् । *Calana-kalanabhyam*
- xiii. Along the format of Ganita Sutra 11 व्यष्टिसमिष्टिः । *Vyastisamastih*
- xiv. Ganita Sutras and Transcendental (5-space) domain
- xv. Divya Ganga Flow concept and format
- xvi. Braham (ब्रह्म), Vaivrat Braham (वैवरर्तब्रह्म) and Brahmand (ब्राह्मण) TCV values triple (28, 58, 42)

\*

## VMS & T Text book for class 12

### Introductory

40. This year focus of instructions has been upon Vedic mathematics, Science & Technology of 6-space.
41. Here hyper cube 6 format is being availed for chase of 'Surya' / Sun.
42. Along this format there would be a chase of solar universe with pole star has its origin
43. Through pole star as origin, black matter fulfills the solar universe.
44. Sunlight super imposed upon black matter makes the Existence Phenomenon of the Solar Universe.
45. Flow of black matter from pole star as origin of solar universe forms the base for super imposition there upon of sunlight
46. The Existence Phenomenon of solar universe, as such becomes the Phenomenon of Sunlight super imposed upon black matter fountained by the pole star as origin of the solar universe.
47. Vedic mathematics, Science & Technology of 6-space, as such becomes the Mathematics, Science & Technology of black matter with Sunlight super imposed there upon.
48. Pole star is of the format of hyper cube 7.
49. It is the transcendental (5-space) dimensional order of 7-space which plays the dominant role of transcendental (5-space) carriers throughout the solar universe.
50. The transcendental (5-space) boundary of solar universe is there because of the transcendental (5-space) dimensional order of pole star



51. All motions with it solar universe are there because of the self referral (6-space) format of solar universe.
52. This, this way makes the chase focus of this year being the manifestation layer format of quadruple artifices (4, 5, 6, 7)
53. The summation value  $4 + 5 + 6 + 7 = 22$  as dynamic format value shall be attaining 26 as the next transcendental (5-space) format value i.e. of four fold manifestation layer format layer (5, 6, 7, 8).
54. This attainment would be of the nature of transition from the creative dimensional order of 6-space to that of transcendental (5-space) dimensional order of 6-space
55. This Phenomenon in a way is going to be of the nature of super imposition of transcendental (5-space) dimensional order upon the creative dimensional order.
56. It would lead us from Surya (Sun) to Dwadash Adityas / 12 Suns.
57. It is this comprehension reach which is being aimed during this year instructions focus of VMS & T of 6-space.
58. VMS & T text book of class XII is about 6-space.
59. The text is of three parts, the first part is about hyper cube 6 format.
60. The second part is about the organization format of Ganita Sutras 1 to 6 and third part is about the conceptual wisdom aspects of Vedic mathematics, Science & Technology features reaching us.

### **Text book content**

61. First part consist of chapters 1 to 6:
  - 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
  - Chapter – 6 सविता SAVITA
62. Part – 2 takes up organization format and feature of Ganita Sutras 1 to 6 as chapters 7 to 12:
  - Chapter – 7 Ganita Sutra 1 text एकाधिकेन पूर्वेण ।
  - Chapter – 8 Ganita Sutra 2 text निखिलं नवतश्चरमं दशतः ।
  - Chapter – 9 Ganita Sutra 3 text ऊर्ध्वतिर्यग्भ्याम् ।
  - Chapter – 10 Ganita Sutra 4 text परावर्त्य योजयेत् ।
  - Chapter – 11 Ganita Sutra 5 text शून्यं साम्यसमुच्चये ।
  - Chapter – 12 Ganita Sutra 6 text (आनुरूप्ये) शून्यमन्यत् ।
63. Part – 3 as well is of six chapters range as under
  - Chapter – 13 Vidhadhari
  - Chapter – 14 Vishwamitra

- Chapter – 15 King Sagar  
 Chapter – 16 Divya Ganga  
 Chapter – 17 Srimad Bhagwad Geeta  
 Chapter – 18 Samved Samhita

### **Supplementary material**

64. The set of four text books of VMS & T for classes 9, 10, 11 and 12 would be supplemented by additional material.
65. Each text book would be having supplementary material book.
66. VMS & T Dictionary of 3-space concepts, technical terms, formulations etc.
67. In addition one full supplementary volume of the source material for further insight about the values and virtues of Vedic mathematics, Science & Technology is being aimed to reach at make this VMS & T school course to be on firm foundation.
68. This supplementary book would be of interest for VMS & T teachers, examiners / evaluators as well as for guidance for further pursuits of Ancient Wisdom of Vedic mathematics, Science & Technology.

=====

## *VMS & T Text book Class X (4-space)*

### Lesson – 01 Lord Brahma

1. Vedic Systems accept 4-space as Creator's space.
2. Vedic Systems further accept Lord Brahma as the presiding deity of 4-space.
3. Scriptures preserve IDOL of Brahma being of format and features as that Lord Brahma creator the supreme is four head lord, with a pair of eyes equipped in each head and lord sits gracefully on lotus seat of eight petals.
4. Scripture further preserve the enlightenment as that Lord Brahma meditates upon Lord Shiv having seat within cavity of heart of Lord Brahma and with the grace of Lord Shiv, Lord Brahma multiplies as 10 Brahmas.
5. These features namely (i) four heads (ii) pair of eyes in each head (iii) Lotus seat of eight petals and (iv) seat of Lord Shiv, 5 head lord being within heart of Lord Brahma and that (v) Lord Brahma while meditating multiplies as 10 Brahmas with the grace of Lord Shiv, settle the format of features:
  - i. Being of four dimensions parallel to four heads
  - ii. Each dimension being spatial parallel to pair of eyes in each head.
  - iii. Boundary (seat) is solid and is of eight parts, parallel to 8 petals of lotus seat.



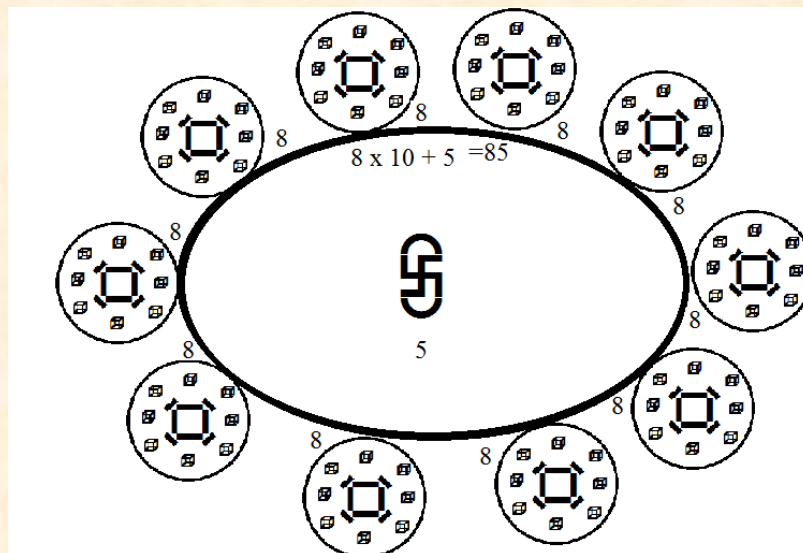
- iv. Origin fold is parallel to seat of Lord Shiv within cavity of heart of Lord Brahma; and as such it is of attribute and feature that 5-space (content) manifests as origin fold.
  - v. While meditating Lord Brahma multiplies as 10 Brahmas with the grace of Lord Shiv and this attribute is parallel to 5-space accepting creative boundary (4-space) as boundary of 10 components.
6. It shall be leading us to
    - i. Spatial dimensional order settling dimensional frame of 4-space being of four spatial dimensions.
    - ii. Solid boundary being of 8 components.
    - iii. Creative (4-space) domain is having transcendental (5-space) origin.
    - iv. Transcendence takes place at origin and creative domain (4-space domain) splits as of 10 components at the boundary of 5-space domain.
    - v. The manifestation form being settled as above as per the features of Idol of Brahma becomes the manifested creation format.
  7. This manifested creation format becomes the format for whole range of manifested creations including that of Idol of Lord Brahma himself as well.
  8. This manifestation format is of four folds being designated and accepted here as dimension fold, boundary fold, domain fold and origin fold.
  9. These four folds together are accepted as four fold manifestation layer of the manifested body.
  10. Of these four folds, the domain fold is being taken as the basic reference fold for the manifested body. However never the less other three folds as well are of equal roles in the format of the manifested body.
  11. These manifested body are being designated and accepted here as hyper cubes.
  12. And each hyper cube is being designated and named in reference to domain fold.
  13. As such the cube is designated as hyper cube 3 with 3-space content manifesting as domain fold of cube / hyper cube 3.
  14. This further brings to focus that 3-space content manifesting as 3-space domain / volume of cube, that way points and relates to the basic features of 3-space content.
  15. In general, space content manifesting as domain fold, is there because of the inherent feature of space content.
  16. The creation format, as such amounts to having simultaneous manifestation of contents of four consecutive dimensional spaces.
  17. Of the four consecutive dimensional spaces, the first space plays the role of dimensional with its space content manifesting as dimension fold of hyper cube.
  18. The second space plays the role of boundary with its space content manifesting as boundary fold of hyper cube
  19. The third space plays the role of domain as its space content manifests as domain fold of hyper cube
  20. Finally the fourth space plays the role of origin with its content manifesting as origin fold of hyper cube
  21. As such idol of Lord Brahma is of the format of hyper cube 4.
  22. Here 2-space content manifests and plays the role of spatial dimension.

- 23. 3-space content manifests and plays the role of solid boundary of hyper cube 4.
- 24. 4-space content manifests and plays the role of domain fold of hyper cube 4.
- 25. 5-space content manifests and plays the role of origin fold of hyper cube 4
- 26. In the light of above features following table may be drawn

Table  
Comparative features of idol of Lord Brahma and hyper cube 4

Sn.	Feature of idol	Feature of Hyper cube 4
1	4 heads	Four dimension
2	2 eyes in each head	Spatial dimension
3	8 petals	Solid boundary of 8 components
4	Seat of Lord Shiv in cavity of heart	5-space as origin
5	Brahma multiplies as ten brahmas With grace of Lord Shiv	Creative 4-space boundary of Transcendental (5-space) 5-space Domain is of ten components
6		

- 27. The above attainment features of Lord Brahma, creator the supreme multiplying as ten Brahmas with grace of Lord Shiv, is of the values and virtues of creation being of four fold format permitting transcendence at the origin fold and thereby emerging creation format at the boundary of 5-space
- 28. Here It would be relevant to note that the above creation format manifest at boundary of 5-space with grace of Lord Shiv, five head lord.
- 29. One may have a pause here and take note that the  $10 \times 8 = 80$  cubes set up completely envelops the creative 4-space boundary of transcendental (5-space) domain and this as such becomes the attainment features of Creator.



- 30. Further as that additional five solid dimensions contribution of transcendental (5-space) domain shall be making creation itself being of the range of  $80 + 5 = 85$  features.

\*

**Query received**

“ sir can you provide me books or study material or video .”

**About this query**

Some information is available on my website ([www.vedicganita.org](http://www.vedicganita.org)).

Issue no 2 of E-newspaper (on this website) gives information about the works of expert (Mr. Kenneth Raymond William). More information about this scholar and his works is upon his website [www.vedicmaths.org](http://www.vedicmaths.org)

My concentration is upon the higher dimensional basis of Vedic Systems. Some of my online free courses are also available on my website. There are many other website about Vedic Mathematics for which one can go to search engines like Google etc.

- Organizers