VEDIC MATHEMATICS

&

MODERN MATHEMATICS

SATHAPATYA MEASURING ROD
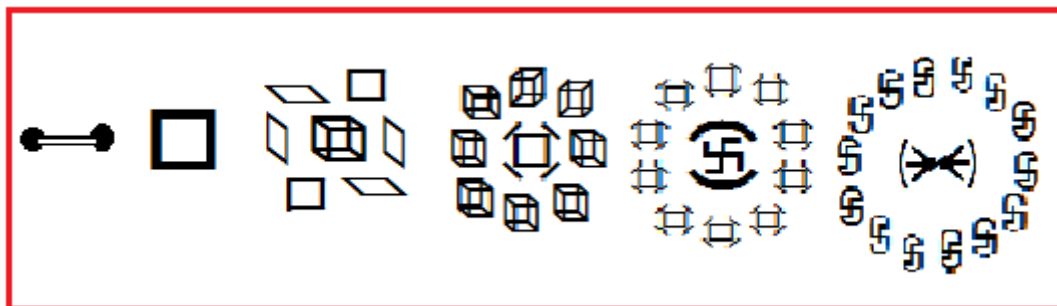
(HYPER CUBES 1 TO 6)

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FIRST WEEK CHASE ASPECT
(1-space body / Interval / Hyper cube 1)
(1-10-2015 to 7-10-2015)
First Week Day 03

Sathapatya :	**Infinite: 'in-Finite'**
Srimad Bhagwad Geeta :	**From origin of 3-space to origin of 4-space**
Devnagri Alphabet :	**Swar Sandhi / Combination of Vowels**

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2
First Week Day 03 Sathapatya :
Infinite: 'in-Finite'

I
Infinite : 'in-finite'

1. Let us have a fresh visit of the compositions 'infinite'.
2. One can see through the compositions, 'infinite' as 'In-Finite'.
3. 'Infinite', as 'In 'Finite' is a feature which deserve to be comprehended well and to be fully imbibed to have proper insight and enlightened vision about 'infinte'.
4. NVF (Infinity) = NVF (Infinite cage).
5. One shall have a pause here and permit the transcending mind to glimpse through the features of above NVF equation.

II
Interval as a set of Infinite points

6. Unit interval is a set up of Infinite points.

7. It would be a blissful exercise to glimpse this feature as 'Infinite' points as in Finite (unit interval).

8. Unit interval also permits split into small intervals as its constituents.

9. These small intervals as constituents of interval and interval as a set of points (devoid of length) are two distinct entites.

10. One way to comprehend distinctiveness of points (devoid of length) and constituents (possessing length) would be that points are constituents of 0-space while constituents of interval are the constituents of 1-space.

III
Single unit interval & double unit interval

Interval	
Single Unit	Double Unit
●———●	●———●———●
Integrated whole	Of two parts

11. Let us have a fresh visit of the set ups of single unit interval and double units interval.

12. The single unit interval is a set up of three components.

13. The double units interval is a set up of five components.

14. The triple artifices (1, 3, 5) as such lead to the parallel format of triple spaces (1-space, 3-space, 5-space) which permit coordination as 1-space as dimension of dimension, 3-space as dimension and 5-space as domain.

15. 1-space as dimension leads to the set ups (1, 2, 3, 4) / four fold manifestation layer of hyper cube- 3.

16. 3-Space has dimension leads to 3, 4, 5, 6 / four fold manifestation layer of hyper cube- 5 while 5-Space as dimension leads to 5, 6, 7, 8 / four fold manifestation layers of hyper cube- 7.

17. The summation values for 1, 2, 3, 4 as 10, for 3, 4, 5, 6 as 18 and for 5, 6, 7, 8 as 26.

18. As such have parallel orders of 18 infinite series of groups in 26 sporadic groups.

IV
$0 + 0 = 0$

19. The pair of zeros and parallel to it the pair of points (devoid of length) permit a placement for zero / point between every pair of zeros (points).

20. This way there is always available a point (devoid of length) which would split interval into two parts as a pair of intervals.

21. This separation point may be along any of the constituents (of interval) possessing length.

22. This as such will make the separation point being the fluctuating point.

23. It also would make the separation point like the pair of end points, which otherwise would be the points at infinity qua the separation point.

24. Beginning, end and middle being the identical set ups would be the one feature of the set up of the interval when viewed in the context of the separation point.

25. There is neither beginning, nor end nor is the middle for the set up of an interval, would be the another feature of the interval when the same is viewed as the set up having no separation constituents for it.

26. To be (i) same at beginning, middle and end' and the feature (ii) that the set up is without beginning, end or middle are of distinct features and characteristics.

V
## First vowel and second vowel combining and having a reach at sixth vowel
(अ+ इ = ए)

Organization format of Srimad Bhagwad Geeta

Srimad Bhagwad Gita Study - Zone										
a	a^2	a^3	a^4	a^5	a^6	a^5	a^2	a^3	a^4	
2	$4a$	$6a^2$	$8a^3$	$10a^4$	$12a^5$	$10a^4$	$8a$	$6a^2$	$4a^2$	
⌐	□	⊞	⬚	⑀ 10x5=50	(⋈)	⑁ 10x5=50	⬚	⊞	□	⌐
2x1 =2	4x2 =8	6x3 =18	8x4 =32	50x7=350		50x7=350	8x4 =32	6x3 =18	4x2 =8	2x1 =2
Orbitals				350+350=700						
2	6	10	14	18=5+6+7						

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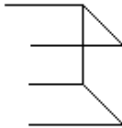
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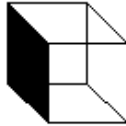
First Week Day 03: Srimad Bhagwad Geeta
From origin of 3-space to origin of 4-space

1. 4-Space is the origin of 3-Space.
2. 5-Space is origin of 4-Space
3. The organization of Srimad Bhagwad Geeta as 18 Disciplines of Yoga is, as such availing the format of hyper cube-5 as four fold manifestation layer (3, 4, 5, 6) with summation value (3 + 4 + 5 + 6) = 18.
4. 4-Space as origin of 3-Space is a Bindu Sarovar (point reservoir).
5. The organization format of flow of Divya Ganga flow through Bindu Sarovar fulfills Puspika (hyper cube-4 with transcendental / 5-Space origin).

6. One shall have a pause here and have a fresh look at the flow format of Divya Ganga through Bindu Sarovar reaching uptill Pushpika permitting depiction as above.
7. The first chapter of Srimad Bhagwad Geeta is text of 47 shalokas range.
8. It is parallel to the flow of seven streams from Bindu Sarovar (first component of sole syllable Om (ॐ) up till fourth component (Swastik Pada of sole syllable Om).
9. One may have a fresh visit to the above depiction of Divya Ganga Flow manifesting as 47 shalokas range for chapter 1 as first yoga Discipline of Srimad Bhagwad Geeta
10. The Bindu Sarovar is the origin point of 3-space with cube as the representative regular body of 3-space.
11. Ath Prathmo Adiyeya (अथ प्रथमः अध्याय) is a composition of three parts.
12. Likewise each chapter of Srimad Bhagwad Geeta as the designation depiction.
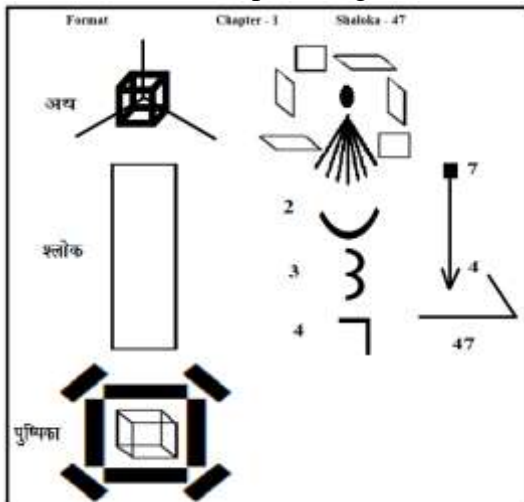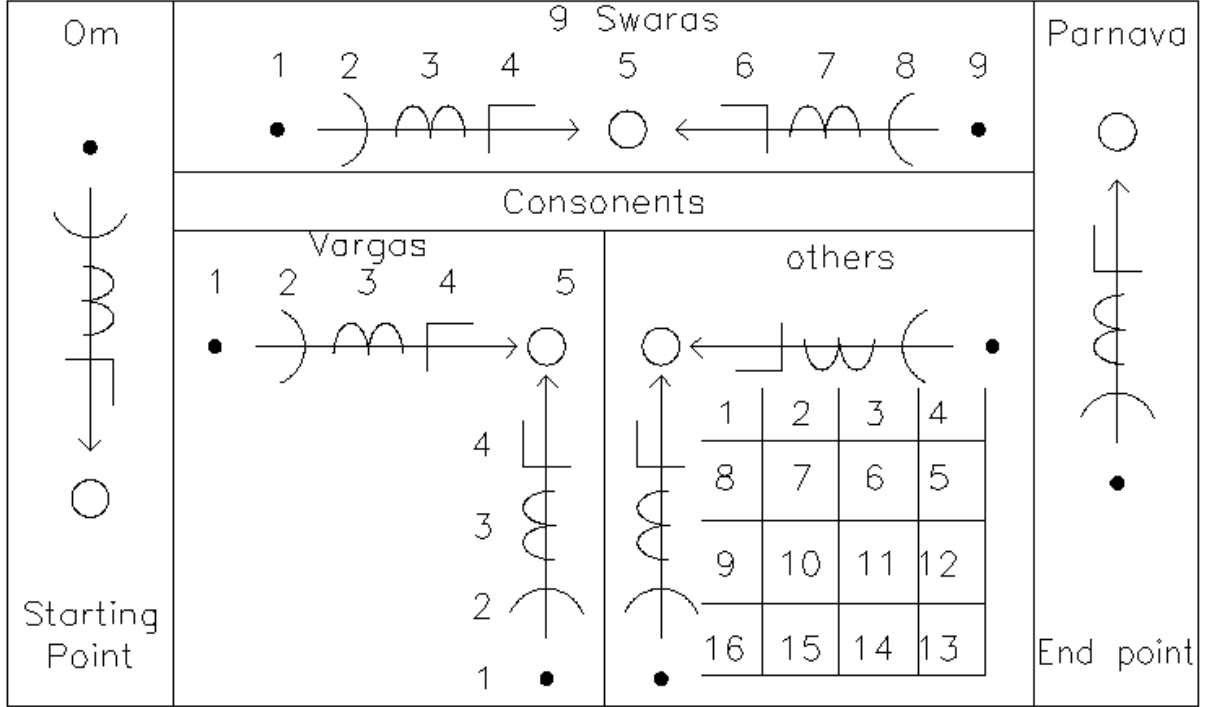
13. These   depictions   range   permits   expression   chase   as   under:-

Chapters	Padas	Aksharas	
1	3	7	
2	3	7	
3	3	7	
4	3	7	
5	3	7	
6	3	6	
7	3	7	
8	3	6	
9	3	7	
10	3	7	
11	3	7	
12	3	7	
13	3	8	
14	3	8	
15	3	8	
16	3	7	
17	3	8	
18	3	7	

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Format, Values and Features of DEVNAGRI ALPHABET

2

First Week Day 03 :
Swar Sandhi / Combination of Vowels

	अ	इ	उ	ऋ	लृ	ए	ओ	ऐ	औ	
अ	आ	ए	ओ	अर्	अल्	ऐ	औ	ऐ	औ	
इ	य्अ	ई	य्उ	य्ऋ	य्लृ	य्ए	य्ओ	य्ऐ	य्औ	
उ	व्अ	व्इ	ऊ	व्ऋ	व्लृ	व्ए	व्ओ	व्ऐ	व्औ	
ऋ	र्अ	र्इ	र्उ	ॠ	र्लृ	र्ए	र्ओ	र्ऐ	र्औ	
लृ	ल्अ	ल्इ	ल्उ	ल्ऋ	लॢ	ल्ए	ल्ओ	ल्ऐ	ल्औ	
ए	अय्अ	अय्इ	अय्उ	अय्ऋ	अय्लृ	अय्ए	अय्ओ	अय्ऐ	अय्औ	
ओ	अव्अ	अव्इ	अव्उ	अव्ऋ	अव्लृ	अव्ए	अव्ओ	अव्ऐ	अव्औ	
ऐ	आय्अ	आय्इ	आय्उ	आय्ऋ	आय्लृ	आय्ए	आय्ओ	आय्ऐ	आय्औ	
औ	आव्अ	आव्इ	आव्उ	आव्ऋ	आव्लृ	आव्ए	आव्ओ	आव्ऐ	आव्औ	

Dr. S. K. Kapoor, *Ved Ratan*