

VM Course**ORGANIZATION FORMAT OF GANITA SUTRAS****Step – 06 : Sequential chase features****Supplied by Ganita Sutra-1**

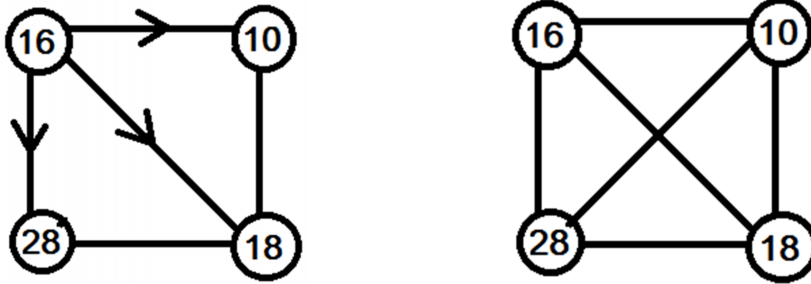
1. Organization format foundation is supplied by the set up of hyper cube 4, a representative regular body of 4-space. Hyper cube 4 is a four fold manifestation layer of features parallel to artifices quadruple (2, 3, 4, 5) / (2-space, 3-space, 4-space, 5-space). It as such takes us to a spatial dimensional order, i.e., two space in the role of dimension.
2. One re-organization for artifice 2 is $1 + 1$ and $2^4 = 16$ becomes the expression of values range being parallel to artifice 16.
3. This range is parallel to 16 letters range of the text of Ganita Sutra-1.
4. The sequential chase features of organization format of the Text of Ganita Sutras is to begin with Text of Ganita Sutra-1 itself and that too as per the sequential order of its working rule ‘one more than before’ as supplemented by the rule: ‘proportionally’ / ‘symmetry’ of Ganita Upsutra-1.
5. Immediate features of sequential order of ‘one more than before’ as supplemented by the rule: ‘proportionally’ / ‘symmetry’, shall be the basic applied values
 - a) ‘counting’ (1, 2, 3, ---),
 - b) ‘reverse counting’ (--- 3, 2, 1),
 - c) ‘counting with one jump’ (1, 3, 5, ----) / (0, 2, 4, ---),
 - d) ‘reverse counting with one jump’ (---, 5, 3, 1) / (--- 4, 2, 0),
 - e) ‘counting with double jump’ (1, 4, 7, ---) / (0, 3, 6, 9, ----) and ahead
 - f) counting and reverse counting with multiple jumps.
6. Counting and reverse counting with and without jumps features of sequential ordering have a great promise of applied values applications. The well known illustrative demonstrations of which are:
 - i. A^0, A^1, A^2, \dots
 - ii. $\dots A^{-3}, A^{-2}, A^{-1},$

- iii. 1, 1 x 1, 1 x 1 x 1, -----
- iv. 1/1, 1/2, 1/3, -----
- v. 1 x 1, 2 x 2, 3 x 3, -----
- vi. 1 x 2, 1 x 2 x 3, 1 x 2 x 3 x 4, -----
- vii. First, Second, Third, -----
- viii. Firstly, Secondly, Thirdly, -----
- ix. Single, Double, Triple, -----
- x. Triangle, Square, Pentagon, -----
- xi. Line, Square, Cube, -----
- xii. Hyper cube-1, Hyper cube-2, Hyper cube-3,-----
- xiii. Circle, Sphere, Hyper Sphere 4, -----
- xiv. First degree equation, Second degree equation, third degree equation, -----
- xv. Single variable, double variables, triple variables, -----
- xvi. Domain, Dimension, Dimension of Dimension, -----
- xvii. Dimension fold, Boundary fold, Domain fold, -----
- xviii. 1 x 2, 2 x 2, 3 x 2, -----
- xix. 1 x 3, 2 x 3, 3 x 3, -----
- xx. One dimension frame of 1-space, Two dimensions frame of 2-space, Three dimensions frame of 3-space, -----
- xxi. (1, 1) = 1+2, (2, 2) = 2 + 2, (3, 3) = 3+2, -----
- xxii. (1, 3, 5), (2, 4, 6), (3, 5, 7), -----
- xxiii. 1, 1 x 3, 1x 3 x 5, -----
- xxiv. 2, 2 x 4, 2 x 4 x 6, -----

7. One may have a pause here and permit the transcending mind to chase the sequential order of above features which would help reach from the Ganita Sutra-1 to the other organization steps of Ganita Sutras and Ganita Upsutras in following different ways:

Sr.	First Step	Second Step	Letters
1	Ganita Sutra-1	Ganita Sutra-1	16, 16
2	Ganita Sutra-1	Ganita Upsutra-1	16, 10
3	Ganita Sutra-1	Ganita Sutra-2	16, 28
4	Ganita Sutra-1	Ganita Upsutra-2	16, 18

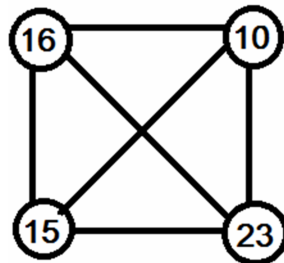
8. This three fold approach may be depicted parallel to coordination of the corner points of a square



9. The Summation value of quadruple (16, 10, 28, 18) is $16 + 10 + 28 + 18 = 72$.

10. The three fold pair of steps of summation values triple (26, 44, 34) i.e. $16 + 10 = 26$, $16 + 28 = 44$ and $16 + 18 = 34$, together with the quadruple value 72 would lead to many features of the organization format.

11. Further chase steps (i) Sutra 1 to Upsutra 1 (ii) Sutra 1 to Sutra 3 (iii) Sutra 1 to Upsutra 3 as well shall be providing us many further features of the organization format:



12. The Summation value of quadruple (16, 10, 15, 23) is $16 + 10 + 15 + 23 = 64$.

13. The three fold pair of steps of summation values triple (26, 31, 39) i.e. $16 + 10 = 26$, $16 + 15 = 31$ and $16 + 23 = 39$, together with the quadruple value 64 would lead to many features of the organization format.

14. Here it may be relevant to note that Vedic systems accept 26 meters parallel to 26 elements of Vishnu lok (6-space). This provides mathematical tool of artifices range 1 to 26. There are precisely 26 primes including 1 uptill 100. There are 26 sporadic groups. The geometric envelop of cube as well admits split as of 26 components (8 corner points, 12 edges and 6 surfaces). In the context it also would be relevant to note

that points and lines being devoid of area and hence being of zero area so these supply a pair of zeros within spatial boundary / set ups.

15. This range of elements as 26 letters alphabet as is the English alphabet shall be providing number values formats (in short NVF) for letters A to Z as 1 to 26 in that sequence and order.

16. With it, every word availing letters of this alphabet shall be carrying values as per the values of individual letters and number value format for the word would be the summation of the individual values of the letters.

Illustratively

- i. NVF (FIRST) = 6 + 9 + 18 + 19 + 20 = 72 = NVF (ORIGIN)
- ii. NVF (SECOND) = NVF (FOUR) = NVF (SECOND)
- iii. NVF (THIRD) = NVF (SOLID)

17. One may have a pause here and permit the transcending mind to comprehend, the first three fold approach from Ganita Sutra-1 as of quadruple value 72, and the second three fold approach from Ganita Sutra-1 being of quadruple value $64 = 4 \times 4 \times 4 = 4^3$

18. Like that, further values chase as well would be very blissful. Here below, for convenient reference is tabulated the letters ranges of the text of Ganita Sutras 1 to 16 and Upsutras 1 to 13.

Table of Sutra wise letters ranges

Sr.	Sutra	Letters	Total	Upsutra	Letters	Total	
I	1	16	16	1	10	10	
ii	2	28	44	2	18	28	
iii	3	15	59	3	23	51	
iv	4	17	76	4	21	72	
v	5	20	96	5	8	80	
vi	6	19	115	6	18	98	
vii	7	24	139	7	37	135	
viii	8	16	155	8	16	151	
ix	9	16	171	9	11	162	
x	10	9	180	10	16	178	
xi	11	14	194	11	17	195	
xii	12	20	214	12	9	204	
xiii	13	20	234	13	32	236	*

Xiv	14	17	251				
Xv	15	16	267				
Xvi	16	16	283				
Note : Total letters of the text of Ganita Sutras = 283 Ganita Upsutras = 236 Total 283 + 236 = 519							

19. One may have a pause here and permit the transcending mind to have a fresh look at the set up of the cube accepting three dimensional frames of half dimensions embedded in each corner of the cube.

20. It would be a blissful exercise to sequentially chase the set up of the cube reaching at first step at its origin, and at second step reaching at structural set up of 4-space at the seat of the origin of cube and ahead at third step to be face to face the solid order of the origin of 4-space, then at fourth step it shall be taking to the volume of the solid dimensional order and ahead at fifth step would be the lively phenomenon of axes and parallel number value formats are:

- i. NVF (FIRST) = 72 = NVF (ORIGIN)
- ii. NVF (SECOND) = 60 = NVF (FOUR)
- iii. NVF (THIRD) = 59 = NVF (SOLID)
- iv. NVF (FOURTH) = 88 = NVF (VOLUME)
- v. NVF (FIFTH) = 49 = NVF (AXIS)
- vi. NVF (SIXTH) = 80 = NVF (CREATOR)

Note :-

1. Steps no. 6 to 10 are being uploaded simultaneously so that an idea of the way organization features are surfacing may be had in one go.
2. The next steps no. 11 to 15 are scheduled for next Thursday i.e. 1-8-2013.

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