

## ORGANIZATION FORMAT OF GANITA SUTRAS

### Step – 77 : Ganita Upsutras 10

#### Ganita Upsutra-10

समुच्चयगुणितः । (Samuccayagunitah)

UPSUTRA - X									
समुच्चयगुणितः									
01	02	03	04	05	06	07	08	09	10
स्	अ	म्	उ	च्	च्	अ	य्	अ	ग्
11	12	13	14	15	16				
उ	ण्	इ	त्	अ	:				
Total Letters			Vowels		Nasels		Consonents		
16			7		1		8		

#### Arithmetic Working Rule

##### Samuchya as product

1. The organization format features of this Upsutra deserve to be chased along with the organization format features of Ganita Sutra 15 'गुणितसमुच्चयः' and further along with Ganita Upsutra 13 'गुणितसमुच्चयः समुच्चयगुणितः'.
2. Here it also would be relevant to note that Ganita Sutras 1, 8, 9, 15, 16 and Ganita Upsutra 10 are availing sixteen letters ranges each for their text, while Ganita Upsutra 13 is availing 32 letters range for its text.
3. This 5 times availing of 16 letters range by the text of Ganita sutras and one time as Ganita Upsutra 10 and two times by Ganita Upsutra 13, as such, as well deserves to be chased.

4. Here it would be relevant to note that Ganita Upsutra 13, as such being the last (29<sup>th</sup> / (16+ 13)th Sutra, as such artifice 29 deserves to be revisited
5. It would be relevant to note that NVF (Black) = 29.
6. It as such shall be focusing upon the features of 'black'. The formulation 'Black' deserves to be revisited. It is 'B Lack'. It is 'B' / 2-space / spatial order 'lack'; means reaching solid order (of 5-space) / transcendental domain / Avakato – Avakatat, base of 'unmanifest'.
7. It further would be relevant to note that the organization format of this range of 29 steps from Ganita Sutra 1 to Ganita Upsutra 13 shall be focusing upon Sun (6-space) / artifice 6 / letter 'ए' / first letter of Ganita Sutra – 1 as starting point and reaching at 'black' would that way provide us insight.
8. It would further be relevant to note that artifice 29 is availed as 29 shalokas range of text of chapter – 5 of Srimad Bhagwad Geeta.
9. Still further as that the text of Srimad Durga Saptasati is a scripture of 13 chapters and the last chapter is of 29 shalokas range.
10. As such it would be a blissful exercise to have sequential chase of 16 letters range of the text of Ganita Upsutra 10 in the sequence and order of the letters of its text.
11. Further it also would be very blissful to chase this text as per different codes like vedic code, transcendental values codes etc. to acquire further insight about the working rule of this Upsutra as well as about its relationship with Ganita Sutra 15 as well as with Ganita Upsutra 13.
12. Still further it would be relevant to note that four sequential conceptual formulations are (i) व्यक्तः vyakata (ii) अव्यक्तः Avyakata (iii) अव्यक्तो अत्तातः Avyakato-Avyaktat / सनातन Sanatana (iv) पुरुष Pursha

13. The simple English rendering for these four formulations may be (i) 'manifest' (ii) Un-manifest (iii) Base of un-manifest (iv) Base format of manifest and unmanifest.
14. The parallel geometric format for these four formulations would be 3-space set up, 4-space set up, 5-space set up and 6-space set up.
15. Parallel geometric bodies set up would be cube, hyper cube 4, hyper cube 5, hyper cube 6.
16. It is in this sequence of quadruple geometric bodies (cube, hyper cube 4, hyper cube 5, hyper cube 6) would follow quadruple artifices 3, 5, 6).
17. The focus here shall be at artifice 5 as artifice 13 (parallel to Upsturas range admit re-organization as  $13 = 4+5+4$ , it is this placement value (5) for the middle would further help us appreciate as that the Sutra 13 avails  $16 + 16 = 32$  artifices range of letters for its text.
18. This as such shall be helping us appreciate as that  $16 = 5 + 6 + 5$  shall be leading us to the organization format features of Ganita Sutras and Upsutras together at the center of pair of paired hemispheres with common center.
19. The artifice value  $16 + 16 = 32$  of the text range of Ganita Upsutra 13 shall be taking us to this common center of a pair of paired hemispheres (four hemispheres); paired as a pair of paired hemispheres.
20. With such fixation of the common center, the availability of remaining six ranges of artifice 16 parallel to the text letters ranges of Ganita Sutra 1, 8, 9, 15, 16 and Ganita Upsutra 10, shall be helping us have coordination of the artifices range of Ganita Upsutra 1 with that of Ganita Upsutra 10 as that artifices pair (01, 10) shall be coordinated as reflection pair.
21. The remaining four artifices ranges of Ganita Sutras 8 and 9 as well as of 15 and 16 shall be helping us coordinate them as paired pairs.

22. With the organization format features of the text of Ganita Sutras and Ganita Upsutras would get imbedded within the space of a paired pairs of hemispheres of common center and this imbedding emergence shall be leading us to following features

- (i) The common center of paired (two) pairs of hemispheres shall be accepting placement for 32 letters range artifice value '32'.
- (ii) This in the light of the center being the common center of paired two pairs of hemispheres as such shall be permitting re-organization for artifice 32 as  $32 = 16 + 16$ .
- (iii) This organization of artifice 32 as  $16 + 16$ , shall be permitting to approach each paired pair of hemispheres distinctively.
- (iv) The first paired pair of hemispheres shall be permitting coordination in terms of 16 letters range each.
- (v) The second paired pair of hemispheres shall be permitting coordination in terms of  $16 + 16$  letters pair of ranges each.
- (vi) Ganita Sutra 13 would get placement at the common center.
- (vii) Ganita Sutra – 1 and Ganita Upsutra 10 would stand coordinated parallel to the coordination of first pair of paired hemispheres.
- (viii) Ganita Sutra – 8 and 9 would get coordinated parallel to first of the second paired pairs of hemispheres, while Ganita Sutras 15 and 16 would get coordinated parallel to the coordination of second of the second pair of paired hemispheres.

23. In the light of above coordination of five Ganita Sutras (Ganita Sutras 1, 8, 9, 15, 16) and two Ganita Upsutras (upsutra 10 and 13), there would remain 11 Ganita Sutras (Ganita Sutras no. 2, 3, 4, 5, 6, 7 and 10, 11, 12, 13 and 14), as well as 11 Ganita Upsutras (upsutras 1, 2, 3, 4, 5, 6, 7, 8, 9) and 11, 12) and, whose placement coordination remains to be chased.

24. These 11 Ganita Sutras constitute two distinct sub ranges namely of Ganita Sutras 2 to 7 and of Ganita Sutras 10 to 14.
25. This pair of sub ranges of six Ganita Sutras (2 to 7) and 5 Ganita Sutras (10 to 14), as such are parallel to artifices pair (6, 5).
26. Likewise above referred 11 Ganita Upsutras as well constitute a pair of sub ranges of Ganita Upsutras (1 to 9) and 11 to 12 which is parallel to artifices pair (9, 2).
27. This way the focus is going to be upon the artifices pair (6, 5) and (9, 2)
28. One may have a pause here and permit the transcending mind to be face to face with quadruple artifices (4, 5, 6, 7), parallel to four fold manifestation layer (4, 5, 6, 7) of hyper cube 6.
29. Further it would help us comprehend as that the artifices quadruple (4, 5, 6, 7) accepts re-organization as internal pair of artifices (5, 6) and external pair of artifices (4, 7).
30. Further as that summation value of artifices pair (5, 6) is  $5 + 6 = 11$ .
31. Likewise the summation value of artifices pair (4, 7) as well is  $4 + 7 = 11$ .
32. One may further have a pause and permit the transcending mind to be face to face with the features of this re-organization of quadruple of artifices (4, 5, 6, 7) as internal pair of artifices (5, 6) and external artifices pair (4, 7).
33. It would be relevant to note that the external artifices pair (4, 7) is parallel to 4-space in the role of dimension fold and artifice 7 is parallel to 7-space as origin fold.
34. These features of pairing of dimension and origin fold as external pairing shall be helping us appreciate re-organization of artifices 11 equal to  $4 + 7 = (4-2), (7+2) = 2, 9$ .

35. It is this feature which would focus upon the artifices pair (4, 4-2), and (7, 7+2).
36. This pairing of (4, 4-2) shall be taking us to the spatial dimension of creator's space.
37. Likewise the pairing of (7, 7 + 2) shall be taking us to unity state (7-space) in the role of dimension of 9-space.
38. Further it also would be relevant to note that artifices 9 is parallel to 9 geometries range of 4-space, which is further parallel to 9 versions of hyper cube 4.
39. It is this reach of spatial order structuring 9 versions of hyper cube 4 which is parallel to the split of above referred 11 Ganita Upsutras as a pair of groups of 9 upsutras and 2 Upsutras respectively.
40. Simultaneously the artifices pair (5, 6) which is parallel to self referral space (6-space) being enveloped within transcendental boundary (5-space).
41. This feature of pair of groups of above referred 11 Ganita Sutras would further give us an insight about the organization format of Ganita Sutras (and of Upsutras) within the above referred space created by the split of a pair of spheres as a paired pairs of hemispheres.

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