ORGANIZATION FORMAT OF GANITA SUTRAS

Step – 76 : Ganita Upsutras 8 & 9

Ganita Upsutra-8
अन्त्ययोर्दशकेपि। *(Antyayordasake'pi)*

UPSUTRA - VIII

अन्त्ययोर्दशकेऽपि

01	02	03	04	05	06	07	08	09	10
अ	न्	त्	य्	अ	य्	ओ	द्	अ	र्
11	12	13	14	14(15)	15(16)	16(17)			
श्	अ	क्	ए	ऽ	प्	इ			

Total Letters	Vowels	Nasels	Consonents
16	7	-	8

Arithmetic Working Rule

Ends to sum as ten

Ganita Upsutra-9
अन्त्ययोरेव। *(Antyayoreva)*

UPSUTRA - IX

अन्त्ययोरेव

01	02	03	04	05	06	07	08	09	10
अ	न्	त्	य्	अ	य्	ओ	र्	ए	व्
11									
अ									

Total Letters	Vowels	Nasels	Consonents
11	5	-	6

Arithmetic Working Rule

Ends to be in ratio

1. This pair of Upsutras are of coordinated features.

2. The Sutra's letters range of the text of Ganita Upsutra 8 is 16 as well as 17.

3. The association of a pair of artifices for this text is because of the letter (ऽ) which is of the features of first vowel (अ)

4. One may have a pause here and take note that the letter (अ) is expressed as of a linear (vertical) format.

5. Parallel to a straight line accepting features of a curve within surface, the letter 'अ' accepts script form as (ऽ)

6. It is like a transition feature from linear format to spatial format.

7. Here it also would be relevant to note that this spatial script form of letter 'ऽ', constitutes a reflection pair with the script form of antstha letter (य्).

8. These features, as such shall be focusing upon the manifest and un-manifest forms for the same domain, like 1-space as domain and 1-space in the role of boundary of 2-space.

9. It is because of this feature that the chase of text of Ganita Upsutra 8 is as of 16 letters range as well as of seventeen letters range.

10. Here it would further be relevant to note that Ganita Sutra 6 text '(आनुरूप्ये) शून्यमन्यत् ।' as well is availing eight letters formulation ((आनुरूप्ये)) within brackets to focus upon it dual role, firstly when its mark its presence and secondly when it does not marks its presence.

11. This way the text of Ganita Sutras and Upsutras together are having a sub range of 9 letters (8 letters) of the text of Ganita Sutra-6 and one letter of the text of Ganita Upsutra 8 which are of the featuers of unmanifest state.

12. In this background, it would be relevant to note that the total range of letters of the text of Ganita Sutras and Upsutras being 520, the same accepts re-organization as that $520 = 2^9 + 8 = 2^{3 \times 3} + 2^{3 \times 1}$.

13. Still further it also would be relevant to note that the end value of the vedic system when to be taken (and when not to be taken as part of the system shall be further focusing upon) additional count (to be counted or not be counted status.

14. It would be a blissful exercise to chase transition from Upsutras pair namely Upsutras 6 and 7 to Upsutras pair 'upsutras 8 and 9'.

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