

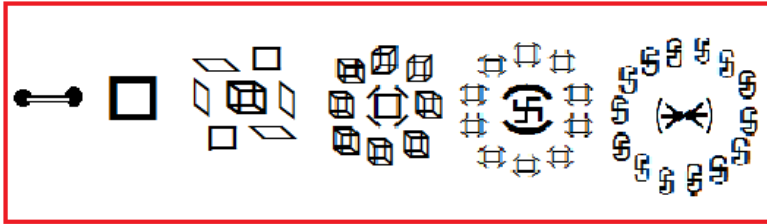
E-newspaper (Second Year) Chase Issue no 053 dated 17-Dec-2015
(MATHEMATICS VALUES CHASE YEAR 01-10-2015 to 30-09-2016)

VEDIC MATHEMATICS

&

MODERN MATHEMATICS

SATHAPATYA MEASURING ROD



(HYPER CUBES 1 TO 6)

Eighth Week : Day 4

Ganita Sutras & Upustras Text
avails 36 letters only

1. The consolidated table of the letters
availed by the text of Ganita Sutras
and Ganita Upsutras is as under :

Sr. no.	Letter	F	TF	Format and features
1	अ	118	118	First vowel
2	आ	27	145	Elongated First vowel
3	इ	14	159	Second vowel
4	ई	1	160	Elongated second vowel
5	उ	15	175	Third vowel
6	ऊ	14	189	Elongated Third vowel
7	ऋ	1	190	Fourth vowel
8	ए	21	211	Sixth vowel
9	ओ	7	218	Seventh vowel

10	ऐ	2	220	Eighth vowel
11	क	16	236	First letter of first row
12	ख	1	237	Second letter of first row
13	ग	11	248	Third letter of first row
14	ङ	1	249	Fifth letter of first row
15	च	10	259	First letter of second row
16	ज	4	263	Third letter of second row
17	ञ	1	264	Fifth letter of second row
18	ट	6	270	First letter of third row
19	ण	9	279	Fifth letter of third row
20	त	21	300	First letter of fourth row

21	थ	1	301	Second letter of fourth row
22	द	10	311	Third letter of fourth row
23	घ	2	313	Fourth letter of fourth row
24	न	33	346	Fifth letter of fourth row
25	प	15	361	First letter of fifth row
26	भ	5	366	Third letter of fifth row
27	म	21	387	Fifth letter of fifth row
28	य	45	432	First antstha
29	र	15	447	Second antstha
30	ल	9	456	Third antstha
31	व	18	474	Fourth antstha
32	श	8	482	First aspirant
33	स	13	495	Second aspirant
34	ष	6	501	Third aspirant
35	.	9	510	Yama letter
36	:	9	519	Yama letter

F= Frequency, TF = Total frequency

2. One may have a pause here and take note that with the above feature, quadruple steps of values (06, 16, 26, 36) of sequence of numbers with last digit at six marks its presence in the organization of the text of Ganita Sutras and Ganita Upsutras.
3. Here it also would be relevant to note that
 - i. TCV (ॐ) = 16,
 - ii. TCV (प्रणवः) = 36
 - iii. TCV (श्रीः ॐ) = 36
 - iv. TCV (वेद) = TCV (श्री) = TCV (देव)
4. One shall sit comfortably and to revisit the text of Ganita Sutras and Upsutras, letter wise as well as words

compositions wise of Ganita Sutras and Ganita Upsutras.

5. For convenient reference here below is tabulated the words formulations of the text of Ganita Sutras and of Ganita Upsutras:

Sutras Text words

01	01	एकाधिकेन <i>Ekadhiken</i>
	02	पूर्वेणः <i>Purvena</i>
02	03	निखिलं <i>Nikhilam</i>
	04	नवतश्चरमं <i>Navataschramam</i>
	05	दशतः <i>Dasatah</i>
03	06	ऊर्ध्वतिर्यग्भ्याम् <i>Urdhvatiryagbhyam</i>
04	07	परावर्त्य <i>Paravartya</i>
	08	योजयेत् <i>Yojayet</i>
05	09	शून्य <i>Sunyam</i>
	10	साम्यसमुच्चये <i>Samya samuccaye</i>
06	11	(आनुरूप्ये) <i>(Anurupyeh)</i>
	12	शून्यमन्यत् <i>Sunyamanyat</i>
07	13	संकलनव्यवकलनाभ्याम् <i>Sankalana- vyavakalanabhyam</i>
08	14	पूरणअपूरणाभ्याम् <i>Puran-apuranabhyam</i>
09	15	चलनकलनाभ्याम् <i>Calana-kalanabhyam</i>
10	16	यावदूनम् <i>Yavadunam</i>
11	17	व्यष्टिसमष्टि <i>Vyasti-Samastih</i>
12	18	शेषाण्यङ्केन <i>Sesnyankena</i>
	19	चरमेण <i>Caramena</i>
13	20	सोपान्त्यद्वयमन्त्यम् <i>Sopantya-dvyamantya</i>
14	21	एकन्यूनैः <i>Ekanyuneh</i>
	22	पूर्वेण <i>Purvena</i>

15 23	गुणितसमुच्चयः <i>Gunitasamuccayah</i>
16 24	गुणकसमुच्चयः <i>Gunak-samuccayah</i>

Upsutras Text words

01 01	आनुरूप्येण <i>Anurupyena</i>
02 02	शिष्यते <i>Sisyate</i>
03	शेषसंज्ञ <i>Sesasamjnah</i>
03 04	आद्यमाद्येन <i>Adyamadyen</i> अन्त्यमन्त्येन <i>Antyamantyena</i>
04 05	केवलैः <i>Kevalaih</i>
06	सप्तकं <i>Saptakam</i>
07	गुण्यात् <i>Gunyat</i>
05 08	वेष्टनम् <i>Vestanam</i>
06 09	यावदूनं <i>Yavadunam</i>
10	तावदूनम् <i>Tavadunam</i>
07 11	यावदूनम् <i>Yavadunam</i>
12	तावदूनीकृत्य <i>Tavadunikrtya</i>
13	वर्ग <i>Vargan</i>
14	च <i>ca</i>
15	योजयेत् <i>Yogayet</i>
08 16	अन्तयोर्दशकेऽपि <i>Antyayordasake'pi</i>
09 17	अन्तयोरेव <i>Antyayoreva</i>
10 18	समुच्चयगुणितः <i>Samuccayagunitah</i>
11 19	लोपनस्थापनाभ्याम् <i>Lopana-Sthapananabhyam</i>
12 20	विलोकनम् <i>Vilokanam</i>
13 21	गुणितसमुच्चयः <i>GunitaSamuccaya</i>
22	समुच्चयगुणितः <i>Samuccayagunitah</i>

9. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of deep trans and to glimpse the organization format of Ganita Sutras and Upsutras, and their features, values and virtues and to consolidate and tabulate the values of Mathematics of Ganita Sutras and Upsutras.

Dr. S. K. Kapoor, *Ved Ratan* ■

6. One may have a pause here and take note that the total words formulation of the entire text of Ganita Sutras and Ganita Upsutras come to be $24 + 22 = 46$.
7. With it, it would be blissful to note that the first five values steps of sequence of numbers with last digit as six comes to be as (6, 16, 26, 36, 46) and these are being availed for the organization of the text of Ganita Sutras and Ganita Upsutras.
8. It further be blissful to take note that $NVF (Light) = 56$.