
Phase 8

VALUES (Axioms & Postulates) OF VEDIC GANITA SUTRAS

Phase 8.3

Second Letter (क्)

{(Pratham / प्रथम Vyanjan / व्यंजन} First Consonant)

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Abstract

Vedic knowledge has reached us, **as** composed scriptures, **in** speaking language of Devnagri alphabet, **formatted** along Sathapatya measuring rod **unifying** dimensional frames and artifices of numbers **for** chase of Existence phenomenon, within frames or without frames, **of and within** solar universe, including Existence phenomenon within human frame, **for** comprehension and imbibing **of** knowledge and enlightenment of the **Brahman**.

FOR to be parallel with **values reach** of Vedic mathematics, one shall **approach** Vedic knowledge **systems chase** formatted **as** : (i) Upnishads, as essence and (ii) Purans as of steps of chase **by** human intelligence **frame** for comprehension and imbibing of **essence of essence** formatted as (iii) Shrimad Bhagwad Geeta accepting Vedic Ganita Sutras as sequential values of the system.

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MANIFESTED VALUES AND SATHAPATYA OF FIRST LETTER AND SECOND LETTER

Table

C0 = Serial number, C1 = Manifested feature / aspect of values and format C2 = of first letter C3 = of second letter

C0	C1	C2	C3
1	Sequential phase	Pratham प्रथम First TCV (प्रथम) = 23 23 as dimension 23 = h6	Dwitya द्वितीया seco nd TCV (द्वितीया) = 25 25 as domain (25 = h7)

C0	C1	C2	C3
		1 = एक ek / one' TCV (एक) = 8	2 = द्वय Dwiya / Two' TCV (द्वय) = 16 Dimoad

C0	C1	C2	C3
		Dharamk Kshetra (धर्मकक्षेत्र) TCV (धर्मकक्षेत्र) = 39	TCV (कुरुक्षेत्र) = 35 35 as dimension fold

C0	C1	C2	C3
		39 as base fold 39 = Maheshwar TCV (महेश्वर) = 39 5-space lord	Vasudev वासुदेव TCV (वासुदेव) = 35 6-space lord

C0	C1	C2	C3
		Geeta Shalokas range 700	Geeta Shalokas Range gaps 284

Geeta shaloka 1

धर्मक्षेत्रे कुरुक्षेत्रे समवेता युयुत्सवः । मामकाः पाण्डवाश्चैव किमकुर्वत सञ्जय ॥

TCV Table of text

C0 = serial number of letter of the text, C2 = Letter,

C3= TCV, C4 = Grand Total of TCV

C0	C01	C02	C03
1	ध्	7	7
2	ट	1	8
3	ँ	2	10
4	म्	9	19
5	अ	1	20
6	क्	1	21
7	ष्	6	27
8	ए	6	33
9	त्	4	37
10	ँ	1	38
11	ए	6	44
12	क्	1	45
13	उ	3	48
14	र्	3	51
15	ऊ	6	57
16	क्	1	58
17	ष्	6	64
18	ए	6	70
19	त्	4	74
20	ँ	1	75
21	ए	6	81
22	स्	3	84
23	अ	1	85
24	म्	9	94
25	अ	1	95

26	व्	7	102
27	ए	6	108
28	त्	4	112
29	आ	2	114
30	य्	1	115
31	उ	3	118
32	य्	1	119
33	उ	3	122
34	त्	4	126
35	स्	3	129
36	अ	1	130
37	व्	7	137
38	अ	1	138
39	:	13	151
40	म्	9	160
41	आ	2	162
42	म्	9	171
43	अ	1	172
44	क्	1	173
45	आ	2	175
46	:	13	188
47	प्	5	193
48	आ	2	195
49	ण्	7	202
50	ङ्	5	207
51	अ	1	208

52	व्	7	215
53	आ	2	217
54	श्	2	219
55	च्	2	221
56	ऐ	8	229
57	व्	7	236
58	अ	1	237
59	क्	1	238
60	इ	2	240
61	म्	9	249
62	अ	1	250
63	क्	1	251
64	उ	3	254
65	ँ	2	256
66	व्	7	263
67	अ	1	264
68	त्	4	268
69	अ	1	269
70	स्	3	272
71	अ	1	273
72	ञ्	6	279
73	ज	4	283
74	अ	1	284
75	य्	1	285
76	अ	1	286

Number 286

First digit (6) is first perfect number.

Second and third pair of digits (28) is the second perfect number.

286 as domain is of 284 as dimension.

1 as 5 leads to 2 as 10.

Together $1 + 2 = 3$ and $5 + 10 = 15$, Padam Puran (the second puran preserves the enlightenment as that 18 chapters of Geeta values format is as of chapters (i) five chapters 1 to 5; (ii) ten chapters 6 to 15; (iii) two chapters 16 to 17; and (iv) one chapter 18.

First element Earth / Prithavi (पृथिवि) ; TCV (पृथिवि) = $25 = 5^2$, a square format for five geometries of 2-space.

The second element Water / Appa (आप); TCV (आप) = $8 = 2^3$, a cubic format .

C0	C1	C2	C3
2	Of letters group	Sixth vowel	First varga consonant

C0	C1	C2	C3
3	Placement value	6	(i) 1 (ii) 4 (क् ब्रह्मा Brahma) (iii) 5 (क् शिव)

C0	C1	C2	C3
4	Dimensional feature	Six dimensional frame of six creative (4-space) dimensions	(i) One dimensional frame of negative linear (-1 space) as dimension (ii) Four dimensional frame of four spatial dimension (-2 space) as dimension (iii) Five dimensional frame of five solid dimension (-3 space) as dimension

C0	C1	C2	C3
5	Sathapatya	6-space	(i) 1-space (ii) 4-space (iii) 5-space

C0	C1	C2	C3
6	Manifested body	Hyper cube 6 (i) Full unit (4, 5, 6, 7) (i) Half unit (5, 5 ½, 6, 6 ½)	Hyper cube 1 (i) Full unit (-1, 0, 1, 2) (ii) Half unit (0, ½, 1, 1½) Hyper cube 4 (i) Full unit (2, 3, 4, 5) (ii) Half unit (3, 3½, 4, 4½) Hyper cube 5 (i) Full unit (3, 4, 5, 6) (ii) Half unit (4, 4½, 5, 5½)

C0	C1	C2	C3
7	Space content	D-6-space content D-6 split spectra (6, 4, 4, 2) = 16	(i) D1 = 1-space content D-1 split spectra (1, -1, -1, -3) = -4 (i) D4 = 4-space content D-4 split spectra (4, -2, -2, 0) = 8 (i) D5 = 5-space content D-5 split spectra (5, 3, 3, 1) = 12

8. Second letter (क्) is of 10th placement, being first after 9 vowels.
- (i) Number value 10 is parallel to summation of four folds (1, 2, 3, 4) of hyper cube 3, a 3-space body of ten directions.
- (ii) It is a closed domain (Andhank अन्धक) within ten directional frame

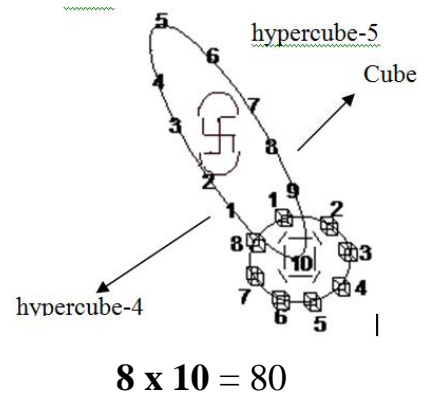
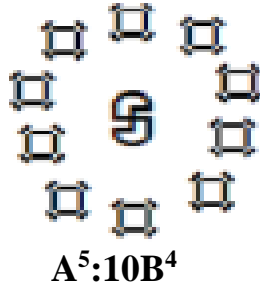
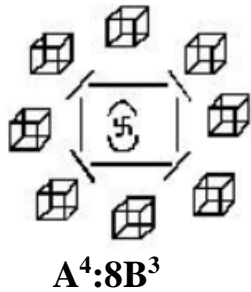
- (iii) (Andhank अन्धक), is personified within 6-space as of Purusha format.
- (iv) $(10= 4 + 6)$.
- (v) $24 = 4 \times 6$
- (vi) (क बन्ध Ka Bandh), is also personified within 6-space as of Purusha format.
- (vii) (क बन्ध Ka Bandh) is a closed domain.
TCV (बन्ध Bandh) = 24
TCV (क बन्ध Ka Bandh) = 26
- (viii) $26 = 2 + 24$
- (ix) 24 as dimension fold and 26 is domain fold;
- (x) 26 is the summation value of four folds (5, 6, 7, 8)
- (xi) Hyper cube 7 is representative regular body of 7-space.
- (xii) 24 is the domain split spectra value (8, 6, 6, 4) of 8-space content;
- (xiii) 8-space is a sequential next step of 7-space
- (xiv) Sequentially 7-space being first, 8-space is second
- (xv) 1-space is dimension of 3-space of 7 versions.
- (xvi) 2-space as dimension manifests as quadruple spatial dimensions of 4-space.
- (xvii) 3-space as boundary of 4-space is of eight components.
- (xviii) Cube is a synthetic set up of eight sub cubes.
- (xix) Cube as 1^3 as first step, is eight sub cubes as 2^3
- (xx) First step as linear order transits and transforms as spatial order.

2

GANITA SUTRAS COMPOSITION FEATURES AS BASIS BASE OF KNOWLEDGE SYSTEM

Ancient Wisdom has reached us as composed Vedic Scriptures. These scriptures are in Devnagri alphabet. The Sathapatya of Devnagri alphabet is parallel with the transcendental content flow format within Surya Rashmi सूर्य रश्मि / rays of Sun, in Akash आकाश (Space) and the same transits and transforms of Naad नाद / Sound.

TCV (आकाश *Akash* / Space) = 8. Hyper cube 8 is of 17 versions, parallel with 17 geometries of 8-space. TCV (रश्मि *Rashmi* / Rays) = 17 = TCV (नाद *Nad* / Sound) = TCV (द्रव्य *Daravya* / Content) = TCV (दिव्य *Divya* / Divine) = TCV (आत्मा *Atma* / Soul) = TCV (अथर्व *Atharav*). Within creator (4-space) space, manifestation are of four folds : Dimension fold, boundary fold, domain fold and origin fold, Seventeen (17) as dimension fold has manifestation reach uptill (TWENTY) 20 as origin fold. It is parallel with TCV (अथर्व) = 17 and TCV (वेद) = 20. Sathapatya Upved is the upved of Atharavved.



TCV value 20 as dimension fold takes us to TCV value 22 as domain fold, parallel with TCV (स्थापत्य *Sathapatya*). Split spectra of Space content D22 is of four folds (22, 20, 20, 18) of summation value 80 parallel with Sathapatya / Geometric format of eighty (80) Solid (3-space) components boundary of all the ten creative (4-space) components of transcendental domain.

1. Transition and Transformation from first letter to Second letter

First letter (ए), as first step of the system transits and transforms into second letter (क्) as second step of the system. First letter (ए) is the स्वर *Swara* / Vowel. There are 9 vowels. First letter (क्) is the first consonant व्यञ्जन *vyanjan*

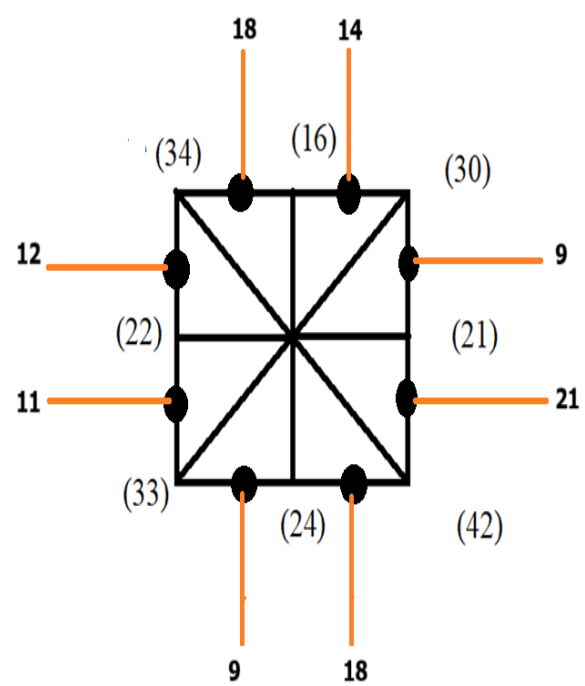
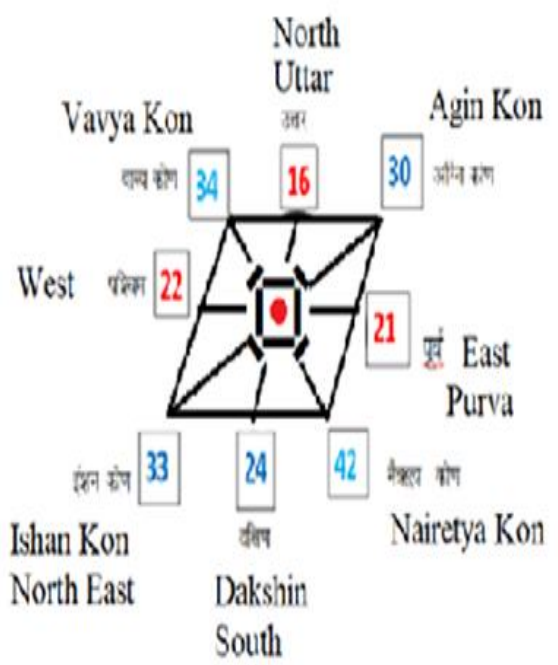
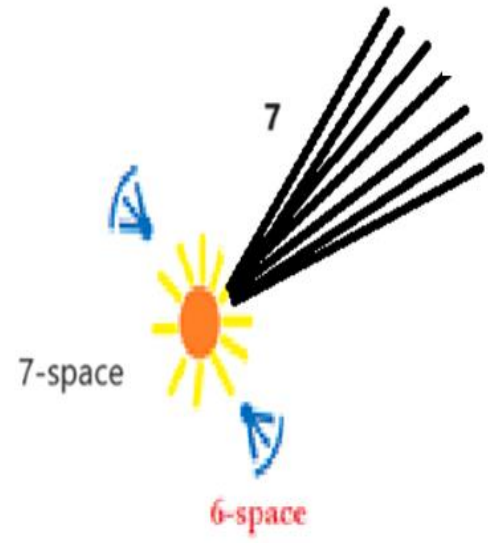
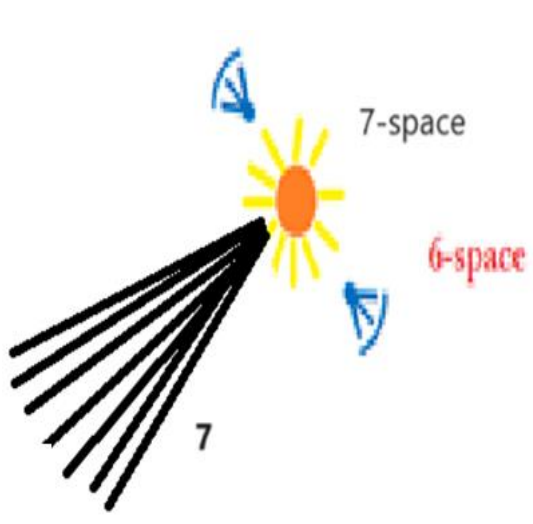
2. Sixteen Kurushetra Tirth कुरुक्षेत्र तीर्थ

Eight Directional frame (outer fold) Eight directional frame (inner fold)

SN	Kurushetra Tirth	TCV value					
1	आदित्य वन	33	33	33	1	2	2
2	सवन	21	54	21	2	3	4
3	परिपल्व	30	84	30	3	4	2
4	शालूकिनि	30	114	30	4		
5	पञ्चनाद	32		18 + 14	6	18 (1)	4
			146			14 (2)	2
6	कोटि	13	159	13	7	2	2
7	अश्विनिकुमार	49	208	33 + 16	9	3	2
8	वाराह	28	236	16 + 12	11	2	2
9	कृतशोच	22	258	22	12	3	2
10	मुञ्जवर	35	293	21 + 14	14		
11	वशमूलक	43	336	21 + 22	16		
12	लोकोद्धार	39	375	30 + 09	18	2	4
13	कपिलाहाद	39	414	30 + 09	20		
14	ब्रह्मर्वत्र	47	461	34 + 13	22	1	2
15	शीतवन	28	489	16 + 12	24		
16	दण्डक	22	511	22	25		
						25	28
42, 24							

Note values no 1 = 21, (2) 9 (3) 9 (4) 18 (5) 42 (6) 34 (7) 16 (8) 16 (9) 13

-22, - 9 (2)*, -42 (2) -30 (2), -34, -24 (2), -12 (1), -11 (2),



**Table 2 of 16 Kurushetra
Tirtha**

**SN = Serial number, TN = Tirth
Number, C3 = TCV in
Ascending order**

SN	TN	C3	
1	6	13	G₁₃⁶
2	2	21	21
3	9	22	22
4	16	22	22
5	8	28	16 + 12
6	15	28	16 + 12
7	3	30	30
8	4	30	30
9	5	32	18 + 14
10	1	33	33
11	10	35	24 + 11
12	12	39	21 + 18
13	13	39	21 + 18
14	11	43	34 + 09
15	14	47	34 + 13
16	7	49	33 + 16

SN	Sapat Van सप्त वन	TCV value	Total
1	काक्य	14	14
2	आदिति	16	30
3	पुण्यप्रद व्यास	14	44
4	फलकी	18	62
5	सूर्य	13	75
6	मधु	20	95
7	शीत	11	106

SN	Nau Nadi नौ नदी	TCV Value	Total
1	सरसवती	25	25
2	वैतरणी	35	60
3	आयगा	13	73
4	गङ्गा	14	87
5	मधुस्तवा	33	125
6	वासु	15	140
7	कौशिकी	19	159
8	वृषदूती	38	197
9	हिरण्वती	38	235

Composition Organization Data of Ganita sutras & Upsutras

S N	Sutra	Letters		TCV		VCV	
1	एकाधिकेन पूर्वेण ।	9+7=16	16	75	75	23	23
2	निखिलं नवतश्चरमं दशतः	7+14+7=28	44	107	182	52	75
3	ऊर्ध्वतिर्यग्भ्याम्	15	59	58	240	36	111
4	परावर्त्य योजयेत् ।	10+7=17	76	52	292	32	143
5	शून्यं साम्यसमुच्चये	6+14=20	96	71	363	42	185
6	(आनुरूप्ये) शून्यमन्यत् ।	8+11=19	8+117	76	439	22	207
7	संकलनव्यवकलनाभ्याम् ।	24	139	91	530	33	240
8	पूरणापूरणाभ्याम् ।	16	155	68	598	26	266
9	चलनकलनाभ्याम् ।	16	171	59	657	23	289
10	यावदूनम् ।	9	180	41	698	18	307
11	व्यष्टिसमष्टिः ।	14	194	58	756	32	339
12	शेषाण्यङ्केन चरमेण ।	12+8=20	214	79	835	43	382
13	सोपान्त्यद्वयमन्त्यम् ।	20	234	80	915	44	426
14	एकन्यूनेन पूर्वेण ।	10+ 7= 17	251	84	999	14	440
15	गुणितसमुच्चयः	16	267	56	1055	38	478
16	गुणकसमुच्चयः ।	16	283	55	1110	33	511
17	आनुरूप्येण ।	10	293	42	1152	9	520
18	शिष्यते शेषसंज्ञः ।	7+11= 18	311	74	1226	44	564
19	आद्यमाद्येनान्त्यमन्त्येन	23	334	96	1322	40	604
20	केवलैः सप्तकं गुण्यात् ।	7 + 8 + 6 = 21	355	92	1414	36	640

21	वेष्टनम् ।	08	363	41	1455	17	657
22	यावदूनं तावदूनम् ।	$9 + 9=18$	381	85	1540	35	692
23	यावदूनं तावदूनीकृत्य वर्गं च योजयेत् ।	$9+13+6+2$ $+7 =37$	418	144	1684	46	738
24	अन्त्ययोर्दशकेऽपि ।	16 (17)	434	53 (54)	1737	24	762
25	अन्त्ययोरेव ।	11	445	40	1777	13	775
26	समुच्चयगुणितः ।	16	461	56	1833	37	812
27	लोपनस्थपनाभ्याम् ।	17	478	73	1906	28	840
28	विलोकनम् ।	09	487	44	1950	13	853
29	गुणितसमुच्चयः समुच्चयगुणितः ।	$16 + 16=$ 32	511 + 8	112	2062	74	927

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