

Phase 11

Vedic Ganita Sutras & Upsutras

(Sankhiya Nishta – Yoga Nishtha – Samya Samuchayya Aadhar Vavastha Ganit)

सौख्य निष्ठा योग निष्ठा साम्य समुच्चय आधार व्यवस्था गणित

20 22 12 22 16 23 15 27 18

11.5.2

Ganita Sutra 2 and Ganita Upsutra 2

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20 22 12 22 16 23 15 27 18

11.5.2

Ganita Sutra 2 and Ganita Upsutra 2

1

Text

Ganita Sutra 2	निखिलं नवतश्चरमं दशतः
Ganita Upsutra 2	शिष्यते शेषसंज्ञः ।

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Text structural data

C1=Letter, C2 = Syllable, C3 = Letter, C4 = TCV

	C1	C2	C3	C4
Ganita Sutra 2	3	12	28	107
Ganita Upsutra 2	2	7	14	74

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Ganita Sutra 2 triple words and Ganita Upsutra 2 pair of words

Sutra 2 first word 'निखिलं' Ganita Upsutra 2 first word 'शिष्यते' Ganita Sutra 2 second word 'नवतश्चरमं' Ganita Upsutra 2 second word 'शेषसंज्ञः' Ganita Sutra 2 third word 'दशतः'

Integrated text of Ganita Sutra 2 and Ganita Upsutra 2

'निखिलं' 'शिष्यते' 'नवतश्चरमं' 'शेषसंज्ञः' 'दशतः'

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TCV values range of above integrated text of Ganita Sutra 2 & Ganita Upsutra 2

SD = Sequential difference

Words 'निखिलं' 'शिष्यते' 'नवतश्चरमं' 'शेषसंज्ञः' 'दशतः'

TCV	29	22	50	52	28
SD	03	28	02	06	01

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Sathapatya of Text of Ganita Sutra 2

Text	निखिलं	नवतश्चरमं	दशतः
TCV	29	50	28
Sathapatya	ब्रह्मा	एकोनविंशति	ब्रह्म

Note :-

- (i) 19 एकोनविंशति
- (ii) TCV (मध्य / Madhya / Middle) = 19

Sathapatya value and feature of text of Ganita Sutra 2

ब्रह्मा	मध्य	ब्रह्म
29	50	28

Note –

- (1) There are 50 letters of Devnagri alphabet.

Consonants 33

Swara 09,

Yama 08

- (2) Consonants (Vyanjan व्यञ्जन)

TCV (व्यञ्जन) = 29 = TCV (ब्रह्मा)

(29, 30, 31, 32, 33)

(33 = 29 + 4)

(3) Vowels (Swaras स्वर)

TCV (स्वर) = 15

(9, 10, 11, 12, 13, 14, 15)

(15 = 9 + 6)

(4) Yama (Yama यम) 8 letters

TCV (यम) = 12

(5) Ganita Sutras text avails only 2 out of 8 yama letters

(6) Consonants + 4

(7) Vowels – 6

(8) Difference - 2

(9) Ganita Sutras text avails 2 yama letters namely (. and :)

(10) TCV (स्वरः) = 28 = TCV (ब्रह्म)

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Recapitulation

Ganita Sutra 1 and Ganita Upsutra 1 with TCV values pair (68, 42), parallel with TCV (पञ्चमहाभूतः) = 68

= TCV (पृथिवि (Prithvi) आप (Aap) अग्नि (Agni) वायु (Vayu) आकाश (Akash)) = 68

TCV (पुर्नजन्म) = TCV (उपादान कारक) = 42

Note –

- ‘1’ first Puran Brahm Puran is prserves the cyclic order of creation dissolution and recreation.
- ‘2’ In continunity secod Puran, Padam Puran, preserves that, Brahm the first creation from Mahtattv महत्त्व , Ahead (मह, जन, तप, सत्य) together TCV (20 + 14 + 11 + 10) = 55
- ‘3’ Brahm Puran further enlightens as that Brahm created (हिरण्यगृभअण्ड / Hiriyandyagarbhand / Transcendental egg) from which, after one year, Brahma has birth and created worlds

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Ganita Sutra 3 and Ganita Upsutra 3

Mathematics of Ganita Sutra 3 and Ganita Upsutra 3 are incontinuity of the mathematics of existence phenomenon of phases of Ganita Sutra 1 and Ganita Upsutra 1, Ganita Sutra 2 and Ganita Upsutra 3.

One may refer to the text of Ganita Sutra 3 as such is lively in Shaloka no 94 of chapter 5 of first ansh of Vishnu Puran in Geeta Press publication no 48 Vishnu Puran text at its page 75.

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Sequential organization of 18 Purans

1. First Puran (Braham Puran) preserves and avails Ganita Sutra 1 and Ganita Upsutra 1.
2. Second Puran (Padam Puran) preserves and avails Ganita Sutra 2 and Ganita Upsutra 2.
3. Third Puran (Vishanu Puran) preserves and avails Ganita Sutra 3 and Ganita Upsutra 3.
4. Fourth Puran (Shiv Puran) preserves and avails Ganita Sutra 4 and Ganita Upsutra 4. It is going to be very blissful and rewarding chase of organization of values and features of Ganita Sutras and Upusutras in sequential order parallel to organizational arrangement of Puranas and enlightenment of Shrimad Bhagwad Geeta.

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Table of cyclic base phases and frequency phases of word formulations of 1 to 6 placements in integrated format

C0 = Cyclic phases table number C1 = Word formulation, C2 = base phases, C3 = Summation value of base phases, C4 = Frequency phases C5 = summation value of frequency phases C6 = Sutra and Upsutra words

C0	C1	C2	C3	C4	C5	C6
1	नि खि लं	8	93	3	6	Sutra 2
2	न व त श्च र मं	14	267	3	12	Sutra 2
3	द श तः	10	118	2	3	Sutra 2
4	शि ष्य ते	4	46	3	12	Upsutra 2

5	शे ष सं ज्ञः	7	196	-	-	Upsutra 2
6	ऊ र्ध्व ति र्य ग भ्याम्	28	567	3	12	Sutra 3
7	आ द्य मा द्ये ना न्त्य म न्त्ये न	17	264	63	234	Upsutra 3
8	प रा व र्त्य	4	44	-	-	Sutra 4
9	यो ज येत्	4	45	-	-	Sutra 4
10	के व लैः	12	230	-	-	Upsutra 4
11	स प्त कं	6	82	-	-	Upsutra 4
12	गु ण्यात् ।	3	36	-	-	Upsutra 4

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Cyclic tables 1

**Cyclic phases of syllable wise composition
of first word formulation of Ganita Sutra 2**

Syllables split

SN i	ii	iii
L	नि	खि लं
	10	4 15

1		10	4	15		29	29
2		6	11	5		22	51
3		5	6	1		12	63
4		1	5	4		10	73
5		4	1	3		8	81
6		3	2	1		6	87
7		1	1	2		4	91
8		0	1	1		2	93
9		1	0	1		2	95
10		1	1	0		2	97
11		0	1	1		2	99

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Cyclic tables 2

Cyclic phases of syllable wise composition
of second word formulation of Ganita Sutra 2

Syllables split

SN	i	ii	iii	iv	v	vi
L	न	व	त	श्च	र	मं
	9	8	5	5	4	19

1		9	8	5	5	4	19		50	29
2		1	3	0	1	15	10		30	59
3		2	3	1	14	5	9		34	93
4		1	2	13	9	4	7		36	129
5		1	11	4	5	3	6		30	159
6		10	7	1	2	3	5		28	187
7		3	6	1	1	2	5		18	205
8		3	5	0	1	3	2		14	219
9		2	5	1	2	1	1		12	231
10		3	4	1	1	0	1		10	241
11		1	3	0	1	1	2		8	249
12		2	3	1	0	1	1		8	257
13		1	2	1	1	0	1		6	263
14		1	1	0	1	1	0		4	267
15		0	1	1	0	1	1		4	271
16		1	0	1	1	0	1		4	275
17		1	1	0	1	1	0		4	279

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Cyclic tables 3

**Cyclic phases of syllable wise composition
of third word formulation of Ganita Sutra 2
Syllables split**

SN	i	ii	iii
L	द	श	तः
	7	3	18

1		7	3	18		28	28
2		4	15	11		30	58
3		11	4	7		22	80
4		7	3	4		14	94
5		4	1	3		8	102
6		3	2	1		6	108
7		1	1	2		4	112
8		0	1	1		2	114
9		1	0	1		2	116
10		1	1	0		2	118
11		0	1	0		1	119
12		1	1	0		2	121

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Cyclic tables 4

**Cyclic phases of syllable wise composition
of first word formulation of Ganita Upsutra 2
Syllables split**

SN	i	ii	iii
L	शि	ष्य	ते
	4	8	10

1		4	8	10		22	22
2		4	2	6		12	34
3		2	4	2		8	42
4		2	2	0		4	46

5		0	2	2		4	50
6		2	0	2		4	54
7		2	2	0		4	58

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Cyclic tables 5

**Cyclic phases of syllable wise composition
of Second word formulation of Ganita Upsutra 2
Syllables split**

SN i	ii	iii	iv
शे	ष	सं	ज्ञः
8	7	13	24

1		8	7	13	24		52	52
2		1	6	11	16		34	86
3		5	5	5	15		30	116
4		0	0	10	10		20	136
5		0	10	0	10		20	156
6		10	10	10	10		40	196
7		0	0	0	0		0	196

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Cyclic tables 6

**Cyclic phases of syllable wise composition
of first word formulation of Ganita Sutra 3
Syllables split**

SN i	ii	iii
L ऊ	र्ध्व	ति र्य ग भ्याम्
6	18	9 5 3 20

1		6	18	9	5	3	20		61	61
2		12	9	4	2	17	14		58	119
3		3	5	2	15	3	2		30	149
4		2	3	13	12	1	1		32	181

5		1	10	1	11	0	1		24	205
6		9	9	10	11	1	0		40	245
7		0	1	1	10	1	9		22	267
8		1	0	9	9	8	9		36	303
9		1	9	0	1	1	8		20	323
10		8	9	1	0	7	7		32	355
11		1	8	1	7	0	1		18	373
12		7	7	6	7	1	0		28	401
13		0	1	1	6	1	7		16	417
14		1	0	5	5	6	7		24	441
15		1	5	0	1	1	6		14	455
16		4	5	1	0	5	5		20	475
17		1	4	1	5	0	1		12	487
18		3	3	4	5	1	0		16	503
19		0	1	1	4	1	3		10	513
20		1	0	3	3	2	3		12	525
21		1	3	0	1	1	2		8	533
22		2	3	1	0	1	1		8	541
23		1	2	1	1	0	1		6	547
24		1	1	0	1	1	0		4	551
25		0	1	1	0	1	1		4	555
26		1	0	1	1	0	1		4	559
27		1	1	0	1	1	0		4	563
28		0	1	1	0	1	1		4	567
29		1	0	1	1	0	1		4	571
30		1	1	0	1	1	0		4	575
31		0	1	1	0	1	1		4	579

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Cyclic tables 7

Cyclic phases of syllable wise composition
of first word formulation of Ganita Upsutra 3

Syllables split

SN	i	ii	iii							
L	आ	द्य	मा	द्ये	ना	न्त्य	म	न्त्ये	न	
	2	8	11	13	10	14	10	19	9	

1		2	8	11	13	10	14	10	19	9		96	96
2		6	3	2	3	4	4	9	10	7		48	144
3		3	1	1	1	0	5	1	3	1		16	160
4		2	0	0	1	5	4	2	2	2		18	178
5		2	0	1	4	1	2	0	0	0		10	188
6		2	1	3	3	1	2	0	0	2		14	202
7		1	2	0	2	1	2	0	2	0		10	212
8		1	2	2	1	1	2	2	2	1		14	226
9		1	0	1	0	1	0	0	1	0		4	230
10		1	1	1	1	1	0	1	1	1		8	238
11		0	0	0	0	1	1	0	0	0		2	240
12		0	0	0	1	0	1	0	0	0		2	242
13		0	0	1	1	1	1	0	0	0		4	246
14		0	1	0	0	0	1	0	0	0		2	248
15		1	1	0	0	1	1	0	0	0		4	252
16		0	1	0	1	0	1	0	0	1		4	256
17		1	1	1	1	1	1	0	1	1		8	264
18		0	0	0	0	0	1	1	0	0		2	266
19		0	0	0	0	1	0	1	0	0		2	268
20		0	0	0	1	1	1	1	0	0		4	272
21		0	0	1	0	0	0	1	0	0		2	274
22		0	1	1	0	0	1	1	0	0		4	278
23		1	0	1	0	1	0	1	0	0		4	282
24		1	1	1	1	1	1	1	0	1		8	290
25		0	0	0	0	0	0	1	1	0		2	292
26		0	0	0	0	0	1	0	1	0		2	294

53		0	1	1	0	0	0	0	0	0		2	396
54		1	0	1	0	0	0	0	0	0		2	398
55		1	1	1	0	0	0	0	0	1		4	402
56		0	0	1	0	0	0	0	1	0		2	404
57		0	1	1	0	0	0	1	1	0		4	408
58		1	0	1	0	0	1	0	1	0		4	412
59		1	1	1	0	1	1	1	1	1		8	420
60		0	0	1	1	0	0	0	0	0		2	422
61		0	1	0	1	0	0	0	0	0		2	424
62		1	1	1	1	0	0	0	0	0		4	428
63		0	0	0	1	0	0	0	0	1		2	430
64		0	0	1	1	0	0	0	1	1		4	434
65		0	1	0	1	0	0	1	0	1		4	438
66		1	1	1	1	0	1	1	1	1		8	446
67		0	0	0	1	1	0	0	0	0		2	448
68		0	0	1	0	1	0	0	0	0		2	450
69		0	1	1	1	1	0	0	0	0		4	454
70		1	0	0	0	1	0	0	0	0		2	456
71		1	0	0	1	1	0	0	0	1		4	460
72		1	0	1	0	1	0	0	1	0		4	464
73		1	1	1	1	1	0	1	1	1		8	472
74		0	0	0	0	1	1	0	0	0		2	474
75		0	0	0	1	0	1	0	0	0		2	476
76		0	0	1	1	1	1	0	0	0		4	480
77		0	1	0	0	0	1	0	0	0		2	482
78		1	1	0	0	1	1	0	0	0		4	486

79		0	1	0	1	0	1	0	0	1		4	490
80		1	1	1	1	1	1	0	1	1		8	498

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Cyclic tables 8

**Cyclic phases of syllable wise composition
of first word formulation of Ganita Sutra 4**

Syllables split

SN	i	ii	iii
L	प	रा	वर्त्य
	6	5	8 9

1		6	5	8	9		28	28
2		1	3	1	3		8	36
3		2	2	2	2		8	44
4		0	0	0	0		0	44

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Cyclic tables 9

**Cyclic phases of syllable wise composition
of second word formulation of Ganita Sutra 4**

Syllables split

SN	i	ii	iii
L	यो	ज	येत् ।
	8	5	11

1		8	5	11			24	24
2		3	6	3			12	36
3		3	3	3			9	45
4		0	0	0			0	45

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Cyclic tables 10

Cyclic phases of syllable wise composition
of first word formulation of Ganita Upsutra 4

Syllables split

SN	i	ii	iii
L	के	व	लैः
	10	8	26

1		10	8	26		44	44
2		2	18	16		36	80
3		16	2	14		32	112
4		14	12	2		28	140
5		2	10	12		24	164
6		8	2	10		20	184
7		6	8	2		16	200
8		2	6	4		12	212
9		4	2	2		8	220
10		2	0	2		4	224
11		2	2	2		6	230
12		0	0	0		0	230

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Cyclic tables 11

Cyclic phases of syllable wise composition
of second word formulation of Ganita Upsutra 4

Syllables split

SN	i	ii	iii
L	स	प्त	कं
	4	10	14

1		4	10	14			28	28
2		6	4	10			20	48
3		2	6	6			14	62
4		4	0	4			8	70
5		4	4	4			12	82
6		0	0	0			0	82

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Cyclic tables 12

**Cyclic phases of syllable wise composition
of third formulation of Ganita Upsutra 4**

Syllables split

SN i	ii	iii
L	गु	प्यात् ।
6	14	

1		6	14			20	20
2		8	8			16	36
3		0	0			0	36

Note :- It will be a blissful exercise for sadkhas to reach Ganita Sutra 3 and Upsutra 3 work out. Next phase of existence phenomenon. In PDF document 11.5.3 onwards Ganita Sutra 3, Ganita Upsutra 3 onwards are going to be chased.

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