

VEDIC ARITHMETIC

Lesson – 8

Sankheya Nishtha साँख्या निष्ठा And Yoga Nishtha योग निष्ठा

Part – I

Two Fold Processing System

Vedic Mathematics

Vedic Mathematics avails Sankheya Nishtha and Yoga Nishtha, a two fold unified processing system.

Sankheya Darshan and Yoga Darshan

Sankheya Darshan साँख्या दर्शन and Yoga Darshan योगा दर्शन are two of six school of Indian philosophy.

Kapil Muni and Patanjli Rishi

Kapil Muni कपिल मुनि and Patanjli Rishi पाताञ्जलि ऋषि are the compilers of Ancient Wisdom values of Sankheya Darshan and Yoga Darshan.

Conceptual Formulations

(1) First fold Kapil Muni

(a) Kapil Muni कपिल मुनि

$$TCV (\text{कपिल मुनि})=37=TCV (\text{श्रीभगवान्})=37$$

$$\text{Sathapatya } 37 = 18+19=H_5 + h_5, \text{ origin of 6-space}$$

(b) Sankheya Nishtha साँख्या निष्ठा

$$TCV (\text{साँख्या निष्ठा})=20+22=42$$

- Sathapatya 42= $H_{11} = (9,10,11,12)$
- (c) Sankheya Darshan साँख्या दर्शन
 TCV (साँख्या दर्शन)=20+21=41
 Sathapatya 41= $h10 \frac{1}{2} = (9 \frac{1}{2}, 10, 10 \frac{1}{2}, 11)$
- (2) Second fold Patanjli Rishi
- (a) Patanjli Rishi पताञ्जलि ऋषि
 TCV(पताञ्जलि ऋषि)=30+12
 Sathapatya 30= H_8 , and TCV 42= TCV 11
- (b) Yoga Nishtha योग निष्ठा
 TCV(योग निष्ठा)=12+22=34
 Sathapatya 34= H_9
- (c) Yoga Darshan योग दर्शन
 TCV(योग दर्शन)=12+21=33
 Sathapatya 33= $h 8 \frac{1}{2} = 7 \frac{1}{2}, 8, 8 \frac{1}{2}, 9$

One shall sit comfortably and to permit the transcending mind to continuously remain in prolonged sitting of *Trans* to glimpse and imbibe the values and Sathapatya of this formulation and to update one's TCV Dictionary and Sathapatya referencer.

Part – II

Numbers and Factors

Vedic Arithmetics

The central focus of Vedic Arithmetics (अङ्क गणित Ank Ganita) is upon the factors of numbers. Here under the tabulation is being reached at of factors of numbers ranges 1 to 100.

Numbers Ranges and their Factors

Table -1

C0= Numbers, C1= Factors,

C2= Numbers of Factors

C3=Total Factors uptill the number,

C0	C1	C2	C3
1	1	1	1
2	2	1	2
3	3	1	3
4	2x2	2	5
5	5	1	6
6	2x3	2	8
7	7	1	9
8	2x2x2	3	12
9	3x3	2	14
10	2x5	2	16
11	11	1	17
12	2x2x3	3	20
13	13	1	21
14	2x7	2	23
15	3x5	2	25
16	2x2x2x2	4	29
17	17	1	30
18	2x3x3	3	33
19	19	1	34
20	2x2x5	3	37
21	3x7	2	39
22	2x11	2	41

C0	C1	C2	C3
23	23	1	42
24	2x2x2x3	4	46
25	5x5	2	48
26	2x13	2	50
27	3x3x3	3	53
28	2x2x7	3	56
29	29	1	57
30	2x3x5	3	60
31	31	1	61
32	2x2x2x2x2	5	66
33	3x11	2	68
34	2x17	2	70
35	5x7	2	72
36	2x2x3x3	4	76
37	37	1	77
38	2x19	2	79
39	3x13	2	81
40	2x2x2x5	4	85
41	41	1	86
42	2x3x7	3	89
43	43	1	90
44	2x2x11	3	93
45	3x3x5	3	96
46	2x23	2	98
47	47	1	99
48	2x2x2x2x3	5	104
49	7x7	2	106
50	2x5x5	3	109
51	3x17	2	111

C0= Numbers, C1= Factors,
C2= Numbers of Factors
C3=Total Factors uptill the
number,

C0	C1	C2	C3
52	2x2x13	3	114
53	53	1	115
54	2x3x3x3	4	119
55	5x11	2	121
56	2x2x2x7	4	125
57	3x19	2	127
58	2x29	2	129
59	59	1	130
60	2x2x3x5	4	134
61	61	1	135
62	2x31	2	137
63	3x3x7	3	140
64	2x2x2x2x2x2	6	146
65	5x13	2	148
66	2x3x11	3	151
67	67	1	152
68	2x2x17	3	155
69	3x23	2	157
70	2x5x7	3	160
71	71	1	161
72	2x2x2x3x3	5	166
73	73	1	167
74	2x37	2	169
75	3x5x5	3	172
76	2x2x19	3	175

C0	C1	C2	C3
77	11x7	2	177
78	2x3x13	3	180
79	79	1	181
80	2x2x2x2x5	5	186
81	3x3x3x3	4	190
82	2x41	2	192
83	83	1	193
84	2x2x3x7	4	197
85	5x17	2	199
86	2x43	2	201
87	3x29	2	203
88	2x2x2x11	4	207
89	89	1	208
90	2x3x3x5	4	212
91	13x7	2	214
92	2x2x23	3	217
93	3x31	2	219
94	2x47	2	221
95	5x19	2	223
96	2x2x2x2x2x3	6	229
97	97	1	230
98	2x7x7	3	233
99	3x3x11	3	236
100	2x2x5x5	4	240

Table -2

C0= Numbers, C1= Numbers Range

C2= Numbers of Factors

C3= Outer Fold Number

C4=Sequential inner folds factors

C5= Total inner folds uptill 100

C6= Total upper and inner folds

C0	C1	C2	C3	C4	C5	C6
1	1-1	1	1	0		1
2	1-2	2	2	0		1
3	1-3	3	3	0		1
4	1-4	5	4	5,6,8,12,20,37,77	7	8
5	1-7	9	7	9,14,23,42,89	5	6
6	1-10	16	10	16,29,57	3	4
7	1-11	17	11	17,30,60	3	4
8	1-13	21	13	21,39,81	3	4
9	1-15	25	15	25,48	2	3
10	1-18	33	18	33,68	2	3
11	1-19	34	19	34,70	2	3
12	1-22	41	22	41,86	2	3
13	1-24	46	24	48	1	2
14	1-26	50	26	50	1	2
15	1-27	53	27	53	1	2
16	1-28	56	28	56	1	2
17	1-31	61	31	61	1	2
18	1-32	66	32	66	1	2
19	1-35	72	35	72	1	2
20	1-36	76	36	76	1	2
21	1-38	79	38	79	1	2
22	1-40	85	40	85	1	2
23	1-42	89	42	89	1	2
24	1-43	90	43	90	1	2
25	1-44	93	44	93	1	2
26	1-45	96	45	96	1	2
27	1-46	98	46	98	1	2
28	1-47	99	47	99	1	2

C0= Numbers, C1= Numbers Range

C2= Numbers of Factors

C3= Outer Fold Number

C4= Sequential inner folds factors

C5= Total inner folds uptill 100

C6= Total upper and inner folds

C0	C1	C2	C3	C4	C5	C6
29	1-49	106	49	0		1
30	1-51	111	51	0		1
31	1-52	114	52	0		1
32	1-54	119	54	0		1
33	1-55	121	55	0		1
34	1-59	130	59	0		1
35	1-62	137	62	0		1
36	1-63	140	63	0		1
37	1-64	146	64	0		1
38	1-65	148	65	0		1
39	1-67	152	67	0		1
40	1-71	161	71	0		1
41	1-73	167	73	0		1
42	1-74	169	74	0		1
43	1-75	172	75	0		1
44	1-78	180	78	0		1
45	1-80	186	80	0		1
46	1-82	192	82	0		1
47	1-83	193	83	0		1
48	1-84	197	84	0		1
49	1-87	203	87	0		1
50	1-88	207	88	0		1
51	1-91	214	91	0		1
52	1-92	217	92	0		1
53	1-94	221	94	0		1
54	1-95	223	95	0		1
55	1-97	230	97	0		1
56	1-100	240	100	0		1

Table -3

C0 = S.N.

C1= Number

C2=Factors

C3=Difference of Factors from the
previous number.

C4= Total Difference values

C0	C1	C2	C3	C4
1	25	48	2	2
2	26	50	2	4
3	27	53	3	7
4	28	56	3	10
5	29	57	1	11
6	30	60	3	14
7	31	61	1	15
8	32	66	5	20
9	33	68	2	22
10	34	70	2	24
11	35	72	2	26
12	36	76	4	30
13	37	77	4	31
14	38	78	1	33
15	39	81	2	35
16	40	85	2	39
17	41	86	4	40
18	42	89	1	43
19	43	90	3	44
20	44	93	1	45
21	45	96	1	48
22	46	98	3	50
23	47	99	2	51
24	48	104	5	56

Part – III

Inner Folds of Factors of Numbers Ranges

Inner Folds

One shall sit comfortably and to permit the transcending mind to continuously remain in prolonged sitting of *Trans* to comprehend and imbibe the values and Sathapatya of inner folds of numbers ranges 1 to 100 to be parallel with 'Vedic Arithmetic' as basis base of organisation of Vedic knowledge to be parallel with the existence phenomenon of Solar Universe.

It will be a very blissful exercise to update one's TCV Dictionary and Sathapatya referencer in respect of every inner fold of all numbers ranges 1 to 100.

One shall begin with number '1' which has only 'one' factor, and as such it has no inner fold, as such.

Numbers range '1 to 2' has only '2' factors, and that way here as well, as such, there manifests no inner fold. Likewise is the position for numbers range '1 to 3' , as well giving rise to only '3' factors, and as such in this case, as well there manifests no inner fold.

Numbers range '1 to 4'

Numbers range '1 to 4' gives rise to ' $1+1+1+2=5$ ' factors and it results into an inner fold resulting into transcendence and reach uptill numbers range '1 to 5'.

One may have a pause here and to take note that the numbers range '1 to 5' yields ' $1+1+1+2+1=6$ ' factors and there happens a transition and reach uptill numbers range '1 to 6'.

One may have a further pause here and to take note that the numbers range 1 to 5 is the first inner fold of numbers range '1 to 4' while numbers range '1 to 6' is the second inner fold of numbers range '1 to 4'.

It will be blissful to glimpse and imbibe as that numbers range '1 to 4' is sequentially manifesting inner folds :

First inner fold of transition and reach uptill numbers range **1 to 5**

Second inner fold of transition and reach uptill numbers range **1 to 6**

Third inner fold of transition and reach uptill numbers range **1 to 8**

Fourth inner fold of transition and reach uptill numbers range **1 to 12**

Fifth inner fold of transition and reach uptill numbers range **1 to 20**

Sixth inner fold of transition and reach uptill numbers range **1 to 37**

Seventh inner fold of transition and reach uptill numbers range **1 to 77**

One may have a pause here and to take note that numbers range '1 to 4' is manifesting as many as 'seven' inner folds.

Further as that while numbers ranges '1 to 5' and '1 to 6' become the inner folds while it is numbers range '1 to 7' remains outside fold like numbers range '1 to 4'.

Inner Folds of Numbers Range '1 to 7'

The inner folds of numbers range '1 to 7' are :

First inner fold of numbers range 1 to 7 is numbers range **1 to 9**

Second inner fold of numbers range 1 to 7 is numbers range **1 to 14**

Third inner fold of numbers range 1 to 7 is numbers range **1 to 23**

Fourth inner fold of numbers range 1 to 7 is numbers range **1 to 42**

Fifth inner fold of numbers range 1 to 7 is numbers range **1 to 89**

Inner folds of numbers range 1 to 10

The inner folds of numbers range '1 to 10' are :

(1) 1 to 16

(2) 1 to 29

(3) 1 to 57

Blissful exercise

- (1) It will be a blissful exercise to reach at inner folds of numbers ranges '1 to 11' onwards
- (2) One shall reach at above table -1
- (3) One shall also reach at above tables – 2 & 3
