Initiation Exposure
Aspect -2
Sathapatya of Values 1 to 36

CONTENTS

1. Introductory

Sathapatya of numbers values 1 to 36 brings us face to face with sequential distinctiveness of Sathapatya, Geometric formats of values 1 to 36.

2. Value 36

Value 36 is of following features:

1. $36=6^2$
2. $36=2^2 \times 3^2$
3. $36=2 \times 18$
4. $36=3 \times 12$
5. $36=4 \times 9$
6. $36=5 \times 7+1$

3. Values Range 1 to 36

Values range 1 to 36 is of following features:

1. 36 discrete points range is of 35 gaps.
2. 5×7 grid accommodates all 35 double digit numbers of 6 place value systems. While first triple digit number '100' of 6 place value system, as value 36 of 10 place value system, transcendence out a head of double digit numbers of 5×7 grid.
3. With choices from numbers values range 1 to 36, one can reach at value 36 in 2^{35} ways.
4. $36=1+2+3+4+5+6+7+8$, parallel with Sathapatya of Hypercube 1 to 8 format of Sathapatya measuring rod of 8-space.

4. Organisation of Sathapatya of Values 1 to 36

36= 4×9 brings to focus the organisation of Sathapatya of values range 1 to 36, as of following features :

$h_{\frac{1}{2}}$ = 1 H_1 = 2 h_1 =3 D_3 =4

$h_{1\frac{1}{2}}$ = 5 H_2 = 6 h_2 =7 D_4 =8

$h_{2\frac{1}{2}}$ = 9 H_3 = 10 h_3 =11 D_5 =12

$h_{3\frac{1}{2}}$ = 13 H_4 = 14 h_4 =15 D_6 =16

$h_{4\frac{1}{2}}$ = 17 H_5 = 18 h_5 =19 D_7 =20

$h_{5\frac{1}{2}}$ = 21 H_6 = 22 h_6 =23 D_8 =24

$h_{6\frac{1}{2}}$ = 25 H_7 = 26 h_7 =27 D_9 =28

$h_{7\frac{1}{2}}$ = 29 H_8 = 30 h_8 =31 D_{10}=32

$h_{8\frac{1}{2}}$ = 33 H_9 = 34 h_9 =35 D_{10}=36

5. TCV 36

1. TCV (श्रीः ॐ) =36
2. TCV (प्रणवः) =36
3. TCV (य् र् ल् व् श् स् ष् ह्) =36

6. Primes Uptill 36

Primes Uptill 36 are:
(2,3,5,7,11,13,17,19,23,29 and 31)

7. 36 = 25+11

$6^2=5^2+2\times5+1$

8. TCV(अनुबन्ध) =36

One shall sit comfortably and to permit the transcending mind to glimpse and imbibe the Sathapatya format features and values:

$$TCV(अनुबन्ध) =36$$

9. Values Range (6,16,26,36,46)

It will be a blissful exercise to sequentially reach at above values range (6,16,26,36,46) as features of organisation format of text of Ganita sutras and Upsutras as that:

1. 6= TCV (ए/Sixth vowel/First letter of text of Ganita sutra.
2. D_6 spectra (6,4,4,2) is of summation value 16
3. Ganita Sutras are 16 and values range 1 to 16 is of factors 29=16+13, parallel with 16 Ganita Sutras and 13 Ganita Upsutras.
4. Total letters of Ganita Sutra 1 and Ganita Upsutras 1 are 16+10=26
5. Total distinct letters of text of Ganita Sutras and Ganita Upsutras are '36'
6. Total words of text of Ganita Sutras and Ganita Upsutras are '46'

One shall sit comfortably and to permit the transcending mind to continuously remain in prolonged sitting of **Trans** and to comprehend and imbibe above Sathapatya of values 1 to 36. For to be parallel with the mathematics of Vedic Ganita Sutras and Upsutras being the basis base of Vedic mathematic science and technology.