

\*\*\*\* prastAra \*\*\*\*

No of letters/line: 6  
No of vRttas in gAyatri 64

vRtta # guru # guru-laghu scheme

1	6	UUUUUU
2	5	IUUUUU
3	5	UIUUUU
4	4	IIUUUU
5	5	UUUIUU
6	4	IUIUUU
7	4	UIIUUU
8	3	IIIUUU
9	5	UUUIUU
10	4	IUUUIU
11	4	UIUIUU
12	3	IIUIUU
13	4	UUUIIU
14	3	IUIIUU
15	3	UIIIUU
16	2	IIIIUU
17	5	UUUUUI
18	4	IUUUIU
19	4	UIUUUI
20	3	IIUUUI
21	4	UUUIUI
22	3	IUIUIU
23	3	UIUIUI
24	2	IIUIUI
25	4	UUUIIU
26	3	IUUUIU
27	3	UIUIIU
28	2	IIUIIU
29	3	UUUIIU
30	2	IUIIIU
31	2	UIIIIU
32	1	IIIIIU
33	5	UUUUUI
34	4	IUUUUI
35	4	UIUUUI
36	3	IIUUUI
37	4	UUUIUI
38	3	IUIUIU
39	3	UIUIUI
40	2	IIUIUI
41	4	UUUIUI
42	3	IUIUIU
43	3	UIUIUI
44	2	IIUIUI
45	3	UUUIUI
46	2	IUIUIU
47	2	UIUIUI

48	1	IIIIUI
49	4	UUUUUI
50	3	IUUUII
51	3	UIUUUI
52	2	IIUUUI
53	3	UUUIUI
54	2	IUIUII
55	2	UIIUII
56	1	IIIUII
57	3	UUUIII
58	2	IUUIII
59	2	UIUIII
60	1	IIUIII
61	2	UUIIII
62	1	IUIIII
63	1	UIIIII
64	0	IIIIII

\*\*\*\* From gaNas to vRtta number \*\*\*\*

gaNas (y) or guru-laghu (n)?  
y  
No of gaNas incl end guru-laghus:  
7  
gaNa scheme:  
ma sa ja sa ta ta ga  
Number of letters per line: 19  
Name of the ChaMda: atidhRti  
UUUIIUIUIIIUUUIUUUIU  
149337  
Total number of vRttas in this ChaMda: atidhRti  
524288

\*\*\*\* From vRtta number to guru-laghu scheme \*\*\*\*

Number of letters per line:  
12  
Number of the vRtta:  
456  
Name of the ChaMda: jagati  
guru-laghu scheme:  
IIUUUUUIIIUUU  
Total number of vRttas in this ChaMda: jagati  
4096

\*\*\*\* mAtrA prastAra \*\*\*\*

Number of syllabic instants (mAtrAs) per line:  
8  
Total number of possible patterns (vRttAs): 34  
1 UUUU  
2 IIUUU  
3 IUIUU  
4 UIIUU

5 I IIIIUU  
 6 I UUIU  
 7 U IUIU  
 8 I IIIUIU  
 9 U UIIU  
 10 I IUIIU  
 11 I UUIIU  
 12 U UIIUU  
 13 I IIIIIU  
 14 I UUUU  
 15 U IUUU  
 16 I IIIUU  
 17 U UIUI  
 18 I IUIUI  
 19 I UIUIU  
 20 U UIUIU  
 21 I IIIUIU  
 22 U UUII  
 23 I IUUII  
 24 I UIUII  
 25 U UIUII  
 26 I IIIUII  
 27 I UUIII  
 28 U UIUII  
 29 I IIIUII  
 30 U UIUII  
 31 I IUUIII  
 32 I UIUIII  
 33 U UIUIII  
 34 I IIIUIII

\*\*\*\* mAttrA vRtta number \*\*\*\*

Number of letters per line:  
12

guru-laghu scheme:  
IIUIIUUIUIIU

Number of letters per line: 12

IIUIIUUIUIIU

Total number of short (laghu) syllables : 8  
 Total number of long (guru) syllables : 4  
 Total number of syllabic instants (mAttrAs): 16  
 Total number of possible patterns (vRttAs): 1597  
 vRtta number 442

\*\*\*\* guru laghu scheme for mAttrA vRtta \*\*\*\*

Number of syllabic instants (mAttrAs) per line:  
16

vRtta number:  
999

Total number of possible patterns (vRttAs): 1597  
UIIIUIUIUIUIUII

The guru laghu scheme: UIIIUUUUUII