

12th SRS ALL GOA VEDIC MATHEMATICS TEST (SRS-AGVMT)

***** (Category 3 - Std. IX & X) *****

Organised By - SRS Vedic Mathematics Academy, Mangeshi - Goa

----- Sample Question Paper -----

Q.N.	Problem	Rough Work (Not Compulsory)	Q.N.	Final Answer
1	Cube root of 2048383		1	
2	Cube root of 73560059		2	
3	Cube root of 640503928		3	
4	Square root of 104976		4	
5	Cube of 108		5	
6	Cube of 989		6	
7	Square of 7998		7	
8	Square of 3989		8	
9	Sqaure of 20303		9	
10	Square of 1297		10	
11	5684×125		11	
12	23208×8		12	
13	2878×2889		13	
14	3982×4023		14	
15	$106 \times 108 \times 103$		15	
16	$102 \times 95 \times 96$		16	
17	$106 \times 102 \times 97$		17	
18	HCF and LCM of 1170 and 1365		18	HCF: LCM:
19	HCF and LCM of 8470 and 17710		19	HCF: LCM:
20	Digit-sum of 299187345199		20	
21	Complement of 49900700		21	
22	Is number 73296 divisible by 13 ? (Yes/No)		22	
23	What is the remainder if we divide 33768 by 7?		23	
24	Is number 29678 divisible by 11 ? (Yes/No)		24	
25	Find the 13th term of series 2 7 12 17 22 ...		25	
26	Find the sum of 15 terms of the series 3 7 11 15 19 ...		26	
27	Which digit should appear in place of ? if following equation is correct? $72361 \times 7912 = 572?20232$		27	
28	Convert number 379938 in vinculum form		28	
29	Convert vinculum number 134221 to normal		29	
30	Quotient & Remainder if you divide 21324 by 112		30	Quotient: Remainder:
31	Quotient & Remainder if you divide 8879 by 103		31	Quotient: Remainder:

32	Quotient & Remainder if you divide 19923 by 113	32	Quotient:	Remainder:
33	Quotient & Remainder if you divide 63294 by 54	33	Quotient:	Remainder:
34	Quotient & Remainder if you divide 4281 by 32	34	Quotient:	Remainder:
35	Quotient & Remainder if you divide 76844 by 47	35	Quotient:	Remainder:
36	Find the values of x for the following quadratic equation $3x^2 - 52x + 17 = 0$	36	x =	or x =
37	Find the values of x for the following quadratic equation $3x^2 - 2x - 16 = 0$	37	x =	or x =
38	Find value of x & y for following simultaneous equations $2x + 5y = 26$ & $7x + 2y = 29$	38	x =	& y =
39	Find value of x & y for following simultaneous equations $2x + 3y = -1$ & $3x + 8y = 9$	39	x =	& y =
40	Find value of x & y for following simultaneous equations $2x + 7y = 17$ & $5x + 14y = 34$	40	x =	& y =
41	Cube root of 1.643032	41		
42	$10.6 \times 0.0102 \times 0.94$	42		
43	Cube of 9.89	43		
44	Cube of 1080	44		
45	Cube of 9.998	45		
46	Square root of 5387560000	46		

Q.N. 47 & 48 Calculate **Sqaure of 197** in three different vedic methods.

Q.N. 49 & 50 Calculate **Sqaure of 388** in three diiferent vedic methods