

13th 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	Square of 6997		1	
2	Square of 2889		2	
3	Sqaure of 2649		3	
4	Square of 1198		4	
5	Cube root of 1601613		5	
6	Cube root of 34012224		6	
7	Cube root of 229220928		7	
8	Square root of 531441		8	
9	Cube of 109		9	
10	Cube of 996		10	
11	$11234 \div 125$		11	
12	64328×25		12	
13	3098×3097		13	
14	7987×8017		14	
15	$107 \times 109 \times 102$		15	
16	$105 \times 98 \times 93$		16	
17	$108 \times 104 \times 96$		17	
18	HCF and LCM of 1155 and 2415		18	HCF: LCM:
19	HCF and LCM of 2310 and 2849		19	HCF: LCM:
20	Digit-sum of 399266693314		20	
21	Complement of 58909900		21	
22	Is number 16042 divisible by 13 ? (Yes/No)		22	
23	What is the remainder if we divide 22777 by 7?		23	
24	Is number 34364 divisible by 11 ? (Yes/No)		24	
25	Find the 15th term of series 1 6 11 16 21 ...		25	
26	Find the sum of 13 terms of the series 5 8 11 14 17 ...		26	
27	Which digit should appear in place of ? if following equation is correct? $19361 \times 7925 = 15343?925$		27	
28	Which digit should appear in place of ? if following equation is correct? $48153 \times 6932 = 333?96596$		28	

Q.N.	Problem	Rough Work (Not Compulsory)	Q.N.	Final Answer
29	Convert number 4889037 in vinculum form		29	
30	Quotient & Remainder if you divide 13224 by 113		30	Quotient: Remainder:
31	Quotient & Remainder if you divide 6897 by 104		31	Quotient: Remainder:
32	Quotient & Remainder if you divide 64095 by 107		32	Quotient: Remainder:
33	Quotient & Remainder if you divide 2348 by 42		33	Quotient: Remainder:
34	Quotient & Remainder if you divide 74238 by 53		34	Quotient: Remainder:
35	Quotient & Remainder if you divide 42734 by 39		35	Quotient: Remainder:
36	Find the values of x for the following quadratic equation $2x^2 - 27x + 13 = 0$		36	x = or x =
37	Find the values of x for the following quadratic equation $4x^2 - x - 33 = 0$		37	x = or x =
38	Find value of x & y for following simultaneous equations $2x + 5y = 16$ & $7x + 3y = 27$		38	x = & y =
39	Find value of x & y for following simultaneous equations $3x + 4y = 14$ & $4x + 7y = 27$		39	x = & y =
40	Find value of x & y for following simultaneous equations $4x + 3y = 13$ & $12x + 5y = 39$		40	x = & y =
41	Cube root of 0.000070444997		41	
42	$1.07 \times 0.93 \times 0.098$		42	
43	2.888×3.12		43	
44	Cube of 9990		44	
45	Cube of 0.996		45	
46	Square root of 267289000000		46	

Q.N. 47 & 48 Calculate **Square of 887** in three different vedic methods (Show all steps)

Q.N. 49 & 50 Calculate **Square of 498** in three different vedic methods (Show all steps)