

KENDRIYA VIDYALAYA SANGATHAN BHOPAL REGION

CBT JULY 2023

SUBJECT: MATHEMATICS

CLASS: 12

RESULT ANALYSIS AT A GLANCE

EXAM DATE: 07.07.2023(8.30 AM) to 08.07.2023(3.30PM)

EXAM MODE: GOOGLE FORM

TOTAL QUESTIONS: 10

TOTAL NO. OF SCHOOLS PARTICIPATED: 55

TOTAL NO. OF STUDENTS PARTICIPATED: 1012

OVERALL PASS % OF THE REGION: 89.5%

AVERAGE SCORE: 7.16

TOPICS COVERED:

RELATIONS AND FUNCTIONS

INVERSE TRIGONOMETRIC FUNCTIONS

MATRICES

SCHOOL WISE RESULT ANALYSIS

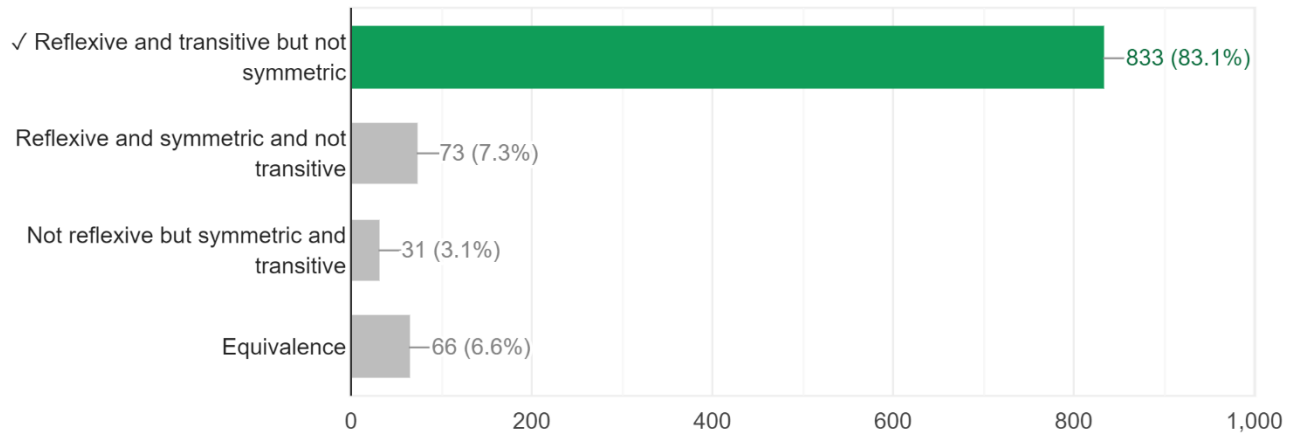
S.NO	NAME OF THE K.V	NO. OF STUDENTS APPEARED	NO OF STUDENTS SCORING MARKS IN THE RANGE OF					NO.OF STUDENTS PASSED	PASS %
			Below 4	Between 4 to 6	Between 7 to 9	10	TOTAL		
1	AMLA	13	0	0	3	10	13	13	100.00
2	BAIRAGARH	48	5	4	11	28	48	43	89.58
3	BARWAHA	11	0	1	4	6	11	11	100.00
4	BARWANI	7	0	2	4	1	7	7	100.00
5	BETUL	13	0	5	7	1	13	13	100.00
6	BHIND	19	4	6	4	5	19	15	78.95
7	BHOPAL NO.1	50	3	17	16	14	50	47	94.00
8	BHOPAL NO.2	44	0	12	21	11	44	44	100.00
9	BHOPAL NO.3 (S1)	36	6	11	14	5	36	30	83.33
10	BHOPAL NO.3 (S2)	1	1	0	0	0	1	0	0.00
11	BINA	19	0	4	11	4	19	19	100.00
12	BURHANPUR	11	1	2	5	3	11	10	90.91
13	DATIA	13	2	8	3		13	11	84.62
14	DEWAS BNP	25	1	4	15	5	25	24	96.00
15	DHAR	18	0	2	9	7	18	18	100.00
16	GUNA	12	1	3	3	5	12	11	91.67
17	GWALIOR NO.1 (S1)	28	2	4	18	4	28	26	92.86
18	GWALIOR NO.1 (S2)	17	2	8	4	3	17	15	88.24
19	GWALIOR NO.2	35	3	7	21	4	35	32	91.43
20	GWALIOR NO.3	26	1	9	13	3	26	25	96.15
21	GWALIOR NO.4	18	0	6	6	6	18	18	100.00
22	GWALIOR NO.5	12	2	2	5	3	12	10	83.33
23	HARDA	1	1	0	0	0	1	0	0.00
24	HOSHANGABAD	19	0	4	4	11	19	19	100.00
25	IIT INDORE	14	7	5	2	0	14	7	50.00
26	INDORE NO.1 (S1)	33	4	9	4	16	33	29	87.88
27	INDORE NO.1 (S2)	13	2	5	3	3	13	11	84.62
28	INDORE NO.2	34	2	2	8	22	34	32	94.12
29	ITARSI NO.1 OF	22	2	5	9	6	22	20	90.91
30	ITARSI NO.2 CPE	20	1	5	8	6	20	19	95.00

31	JHABUA	8	3	5	0	0	8	5	62.50
32	KARERA ITBP	12	2	4	3	3	12	10	83.33
33	KHANDWA	13	2	5	6	0	13	11	84.62
34	KHARGONE	9	0	2	6	1	9	9	100.00
35	MANDSAUR	21	7	6	5	3	21	14	66.67
36	MHOW	26	6	7	11	2	26	20	76.92
37	MORENA	8	2	4	1	1	8	6	75.00
38	MUNGAOLI	14	4	6	3	1	14	10	71.43
39	NARMADANAGAR	8	2	3	3	0	8	6	75.00
40	NEEMUCH NO-1	31	2	9	13	7	31	29	93.55
41	NEPANAGAR	10	0	0	8	2	10	10	100.00
42	PACHMARI	16	0	8	8	0	16	16	62.50
43	RAISEN	10	3	0	7	0	10	7	70.00
44	RAJGARH	13	0	1	11	1	13	13	100.00
45	RATLAM	11	0	4	6	1	11	11	100.00
46	SARNI	28	5	2	12	9	28	23	82.14
47	SEHORE	21	0	3	8	10	21	21	100.00
48	SEONI MALWA	20	2	9	9	0	20	18	90.00
49	SHAJAPUR	18	2	3	8	5	18	16	88.89
50	SHEOPUR	10	3	6	1	0	10	7	70.00
51	SHIVPURI	8	1	0	6	1	8	7	87.50
52	TEKANPUR BFS	26	1	5	16	4	26	25	96.15
53	TIKAMGARH	6	0	1	4	1	6	6	100.00
54	UJJAIN	23	3	11	8	1	23	20	86.96
55	VIDISHA	10	3	7	0	0	10	7	70.00
	TOTAL	1012	106	263	398	245	1012	906	89.53

QUESTION WISE ANALYSIS

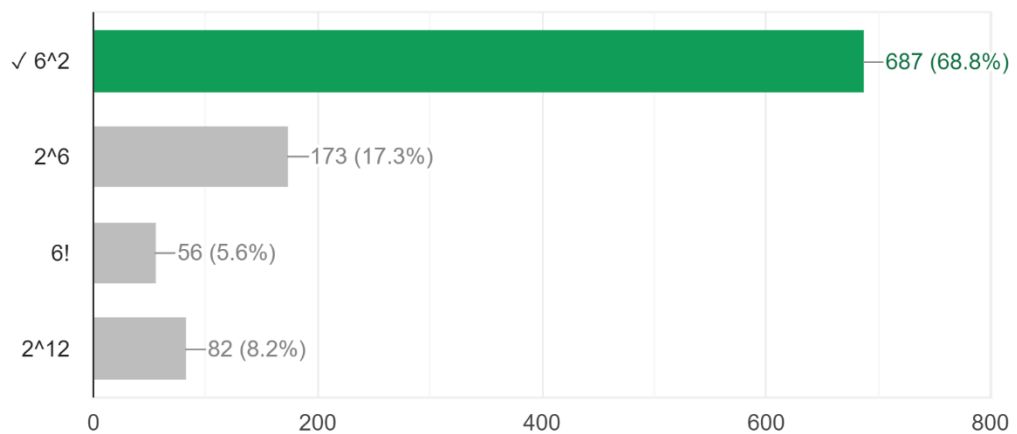
Q1. Let $R: B \rightarrow B$ be defined by $R = \{(x, y) : y \text{ is divisible by } x\}$ is

833 / 1,003 correct responses

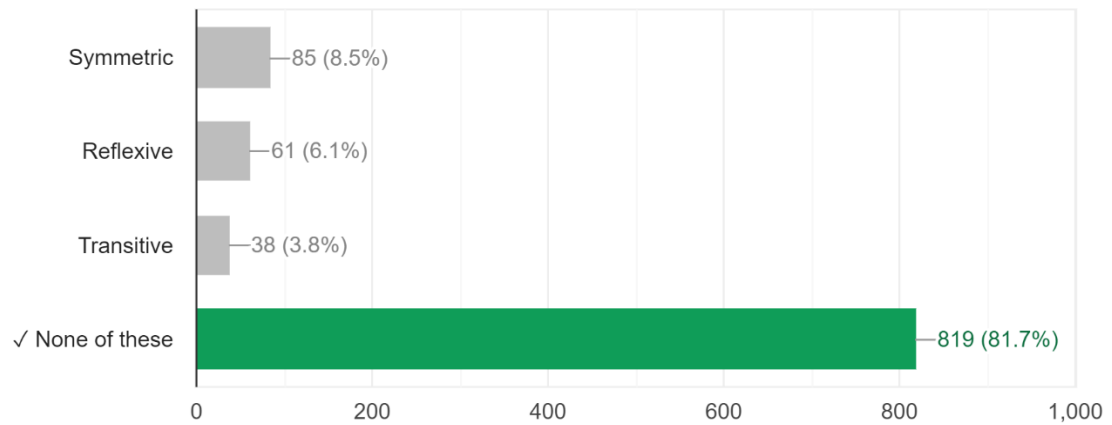


Q2. Rama wants to know the number of functions from A to B. How many number of functions are possible?

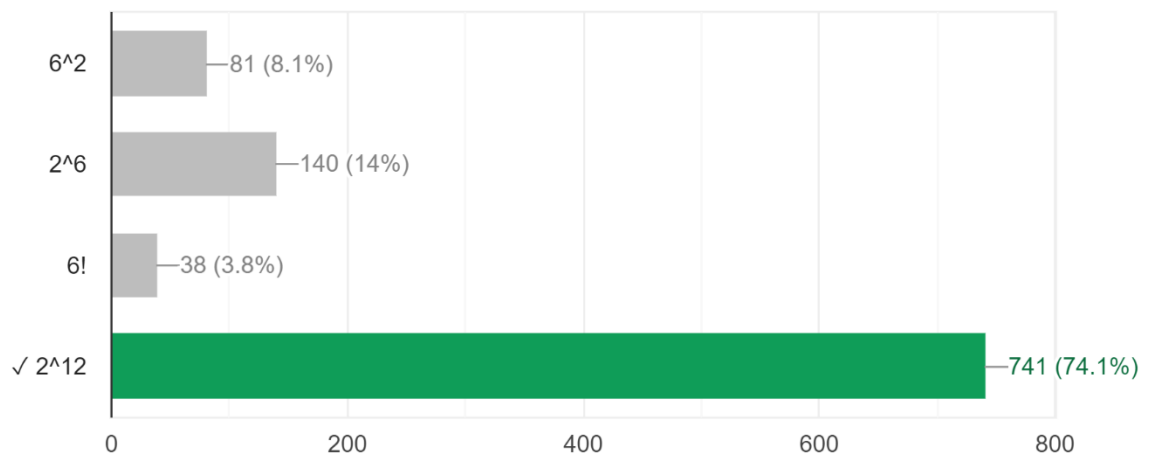
687 / 998 correct responses



Q3. Let R be a relation on B defined by $R = \{(1, 2), (2, 2), (1, 3), (3, 4), (3, 1), (4, 3), (5, 5)\}$. Then R is
819 / 1,003 correct responses

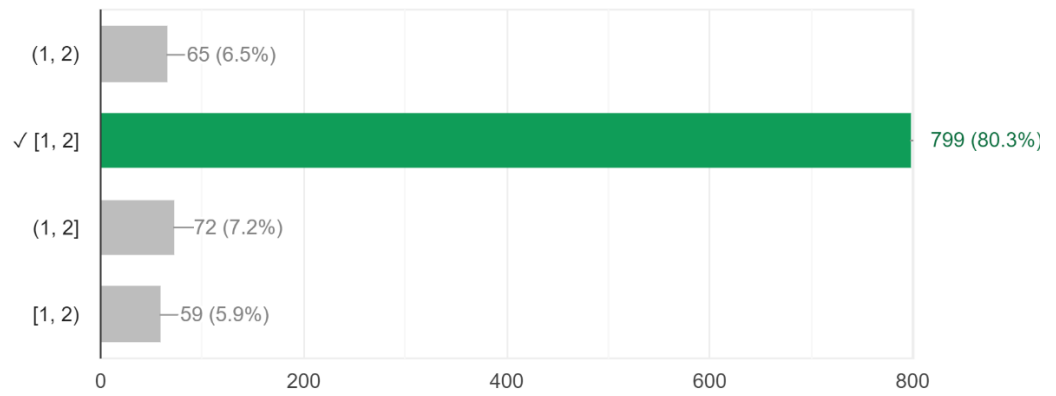


Q4. Rama wants to know the number of relations possible from A to B. How many numbers of relations are possible?
741 / 1,000 correct responses



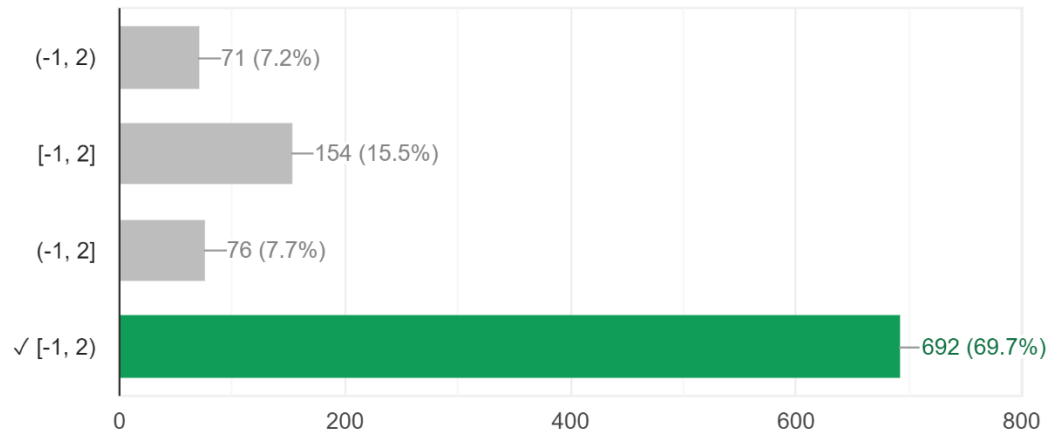
Q.5

799 / 995 correct responses



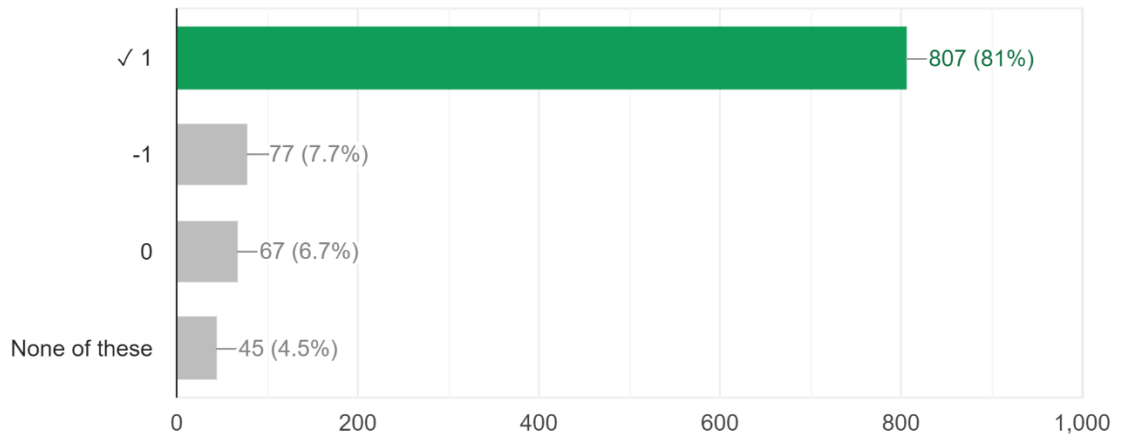
Q6.

692 / 993 correct responses



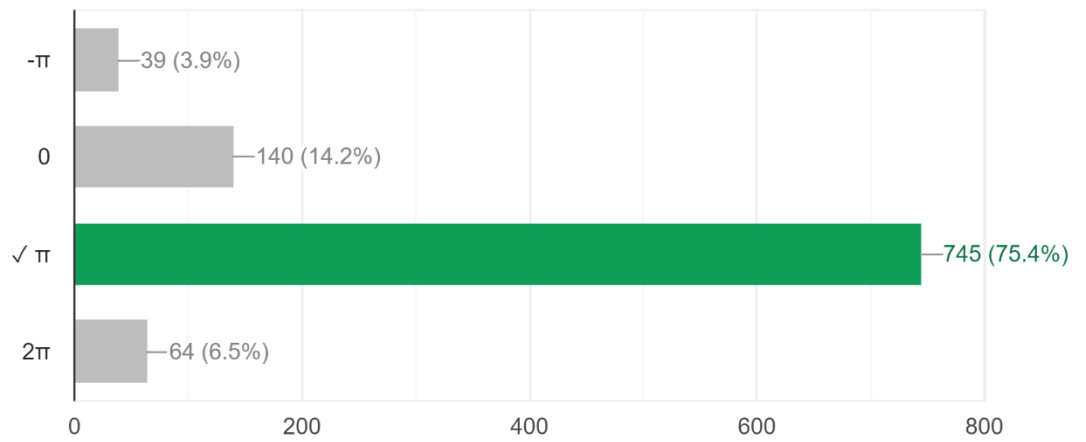
Q.7

807 / 996 correct responses

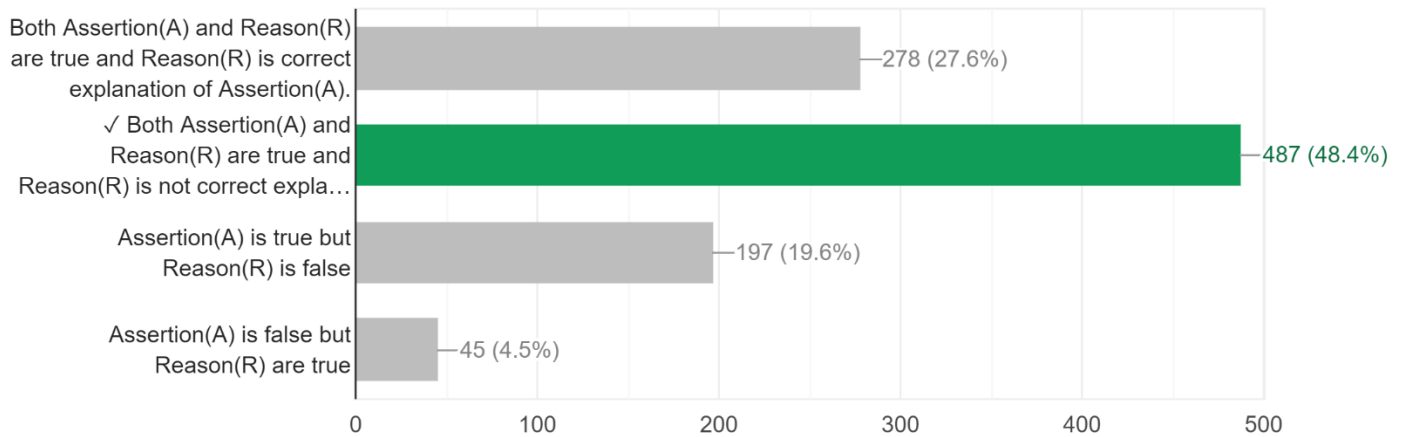


Q.8

745 / 988 correct responses



Q10. Assertion(A): Every square matrix, can be uniquely written as the sum of a symmetric and a skew-symmetric matrix. Reason(R): If A is a square $n \times n$ matrix. Choose the correct option from the given
 487 / 1,007 correct responses



Q9. Assertion: If A and B are symmetric matrices of same order, then $AB-BA$ is a skew symmetric matrix. Reason: If A and B are any two square matrices of same order, then $(AB)' = A'B'$
 633 / 1,006 correct responses

