

# HALF YEARLY EXAMINATION - 2023

## CLASS 10 MATHEMATICS

## QUESTION PAPER ANALYSIS

PART - A			PART - B			PART - C			PART - D		
1	(C)	One-to-one function	15	Example 1.9 (ii)	Pg 13	29	Example 1.3(ii)	Pg 4	43	(A) Example 4.18	Pg 180
2	(B)	1	16	Example 1.21	Pg 27	30	Exercise 1.4 (12)	Pg 25		(B) Example 4.31	Pg 194
3	(D)	A is larger than B by 1	17	Example 2.10	Pg 45	31	Example 2.29	Pg 60	44	(A) Example 3.48	Pg 125
4	(B)	2	18	Example 2.49	Pg 74	32	CREATIVE Eg 2.51 model	Pg 75		(B) Example 3.52	Pg 134
5	(A)	$x=1, y=2, z=3$	19	Exercise 3.9 (1)(ii)	Pg 109	33	CREATIVE				
6	(B)	G.P	20	CREATIVE		34	Example 3.22	Pg 105			
7	(B)	$\begin{bmatrix} 4 & -2 \\ 6 & -3 \end{bmatrix}$	21	Example 4.5	Pg 166	35	Example 3.73	Pg 153			
8	(D)	$5\sqrt{2}$ cm	22	CREATIVE		36	Unit exercise 5 (4)	Pg 237			
9	(C)	$60^\circ$	23	Example 5.34	Pg 232	37	Theorem 5	Pg 184			
10	(A)	$\frac{y^2}{b^2} - \frac{x^2}{a^2} = 1$	24	Example 7.3	Pg 272	38	Exercise 7.1 (2)	Pg 282			
11	(A)	12 cm	25	CREATIVE		39	Example 7.31	Pg 295			
12	-	3:1:1 (D) 3:1:2	26	CREATIVE Ex 8.2 (2) model.	Pg 316	40	Example 8.12	Pg 311			
13	(C)	t	27	Example 8.17	Pg 317	41	Example 8.30	Pg 328			
14	(A)	$P(A) > 1$	28	Unit exercise 1 (5)	Pg 34	42	Example 6.33	Pg 263			

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