

CLASS II MATHEMATICS		HALF YEARLY EXAMINATION-2023			QUESTION PAPER ANALYSIS								
PART - A		PART - B		PART - C		PART - D							
1	(c) $[0, 1)$	21	Example 1.26 IPg 31	31	Exercise 1.4 (6)(i-iii) IPg 44	41	(a) Exercise 1.2 (7) IPg 18						
2	(c) 2^{n^2-n} (Theorem 1.1) pg 17 Result	22	Example 2.38 IPg 80	32	Exercise 2.11 (3) IPg 77		(b) Example 12.14 II pg 249						
3	(a) $\sqrt{k^2-4c}$	23	Exercise 4.2 (9) IPg 178	33	Exercise 3.5 (2)(i) IPg 118	42	(a) Exercise 2.9 (9) IPg 71						
4	(b) $\frac{\pi}{6}$ Exercise 3.8 (1)(ii) pg 133	24	Exercise 5.4 (6)(ii) IPg 231	34	Exercise 5.1 (4) IPg 210		(b) Example 11.40 (i) II pg 220						
5	(b) $\cos 2(\theta+\phi)$	25	Exercise 6.3 (4)(i) IPg 271	35	Exercise 6.4 (9) IPg 282								
6	(a) 14	26	Exercise 7.2 (15)(ii) II pg 30	36	Example 10.16 IPg 163	43	(a) Exercise 3.4 (25) IPg 110						
7	(b) $\alpha \sin x + \cos x + c$ Eg 11.33 (i) pg 209	27	Exercise 8.1 (9) II pg 60	37	Example 4.48 IPg 182		(b) Example 9.31 II pg 112						
8	(d) $2e^{\sqrt{x}}(\sqrt{x}-1)+c$	28	Exercise 10.3 (26) II pg 164	38	Exercise 9.5 (12) II pg 128	44	(a) Example 7.13 II pg 17						
9	(c) $2x-y+5=0$	29	Example 11.32 (iii) II pg 205	39	Example 12.20 II pg 256		(b) Example 4.63 IPg 190						
10	(c) $\begin{bmatrix} 2 & 5 \\ 5 & 3 \end{bmatrix}$	30	Example 9.35 (iii) II pg 116	40	CREATIVE Eg 11.39 (i) model	45	(a) Exercise 10.4 (25) II pg 176						
11	(b) $\frac{1}{2} + \frac{\pi}{4}$	<p>S. PURATCHIVENDHAN M.Sc., M.Ed., M.Phil</p> <p>POST GRADUATE TEACHER.</p>											
12	(b) $2(\log 2)^2$												(b) Exercise 6.4 (15) I pg 282
13	(d) $\frac{2ab}{a+b}$												(a) Exercise 8.1 (12) II pg 60
14	(d) $\frac{7}{128}$												(b) Exercise 5.4 (4) IPg 231
15	(a) $\frac{dy}{dx} + ay = 0$ Ex 10.3 (ii) pg 163												47 (a) Example 4.47 I pg 182
16	(b) e^2 Result 9.9 pg 115												(b) Exercise 6.1 (11) I pg 244
17	(c) 22												
18	(b) $\frac{\sqrt{3}}{2}$ Eg 8.26 pg 79												
19	(a) AB is a symmetric matrix												
20	(c) $(a \sec \theta, b \tan \theta)$ Eg 6.4 pg 242												