

BLUEPRINTFORMODELQUESTIONPAPER

SUBJECT:MATHEMAMATICS(35)

CLASS : IIPUC 2023-2024

SL. NO	CHAPTER/CONTENT/DOMAIN/UNIT/THEME	NO OF PERIODS	MARKS	REMEMBER					UNDERSTAND					APPLY					HOTS					MARKS									
				PART-A	PART-B	PART-C	PART-D	PART-E	PART-A	PART-B	PART-C	PART-D	PART-E	PART-A	PART-B	PART-C	PART-D	PART-E	PART-A	PART-B	PART-C	PART-D	PART-E										
				1 MARK MCQ	1 MARK FB	2 MARK SA	3 MARK SA	5 MARK LA	4 MARK LA	1 MARK MCQ	1 MARK FB	2 MARK SA	3 MARK SA	5 MARK LA	4 MARK LA	1 MARK MCQ	1 MARK FB	2 MARK SA	3 MARK SA	5 MARK LA	4 MARK LA	1 MARK MCQ	1 MARK FB		2 MARK SA	3 MARK SA	5 MARK LA	6 MARK LA	4 MARK LA				
1	RELATIONS AND FUNCTIONS	9	10	1						1			1								1												10
2	INVERSE TRIGONOMETRIC FUNCTIONS	6	7	1		1	1				1																					7	
3	MATRICES	9	9	1			1						1																			9	
4	DETERMINANTS	12	13		1							1	1		1						1											13	
5	CONTINUITY AND DIFFERENTIABILITY	20	19				1	1				1			1					1	1											19	
6	APPLICATION OF DERIVATIVES	10	8			1						1									1									1		8	
7	INTEGRALS	22	20	1				1				2			1				1										1			20	
8	APPLICATION OF INTEGRATION	5	5										1																			5	
9	DIFFERENTIAL EQUATIONS	10	9		1								1						1													9	
10	VECTOR ALGEBRA	11	10			1	1			1			1									1										10	
11	THREE DIMENSIONAL GEOMETRY	8	9	1		1		1			1																					9	
12	LINEAR PROGRAMMING	7	7	1																										1		7	
13	PROBABILITY	11	9	1		1					1	1																		1			9
TOTAL		140	135	7	2	5	4	3		2	3	6	2	4		3			3	1	2	3			2		2				135		

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QUESTION TYPE BASED ON MARKS	NO OF QUESTIONS	MARKS
1 MARK	20 (15 MCQ + 5 FB)	20 X 1 = 20 (20 X 1 = 20)
2 MARKS	11 (ANSWER ANY SIX)	11 X 2 = 22 (6 X 2 = 12)
3 MARKS	11 (ANSWER ANY SIX)	11 X 3 = 33 (6 X 3 = 18)
5 MARKS	8 (ANSWER ANY FOUR)	8 X 5 = 40 (4 X 5 = 20)
6 MARKS	1 (1 INTERNAL CHOICE)	2 X 6 = 12 (1 X 6 = 6)
4 MARKS	1 (1 INTERNAL CHOICE)	2 X 4 = 8 (1 X 4 = 4)
TOTAL	52 (2 INTERNAL CHOICE)	135 MARKS (80 MARKS)

