

BLUEPRINTFORMODELQUESTIONPAPER

SUBJECT:MATHEMAMATICS(35)

CLASS : IIPUC 2023-2024

SL. NO	CHAPTER/CONTENT/DOMAIN/UNIT/THEME	NO OF PAPER I Q. NOS	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	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)

