

**BLUE PRINT FOR MODEL QUESTION PAPER**

**SUBJECT : MATHEMAMATICS ( 35 )**

**CLASS : I PUC ACADEMIC YEAR 2023-2024**

SL. NO	CHAPTER/ CONTENT/ DOMAIN/ UNIT/THEME	NO OF PERI ODS	MARK S	REMEMBER						UNDERSTAND						APPLY						HOTS						TOTAL 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									
				1 M MC Q	1M FB	2 M SA	3 M SA	5M LA	6M LA	4 M LA	1 M MC Q	1M FB	2 M SA	3 M SA	5M LA	6M LA	4 M LA	1 M MC Q	1M FB	2 M SA	3 M SA	5M LA	6M LA	4 M LA	1 M MC Q	1M FB	2 M SA		3 M SA	5M LA	6M LA	4 M LA
1	SETS	8	8	1		1																									8	
2	RELATIONS AND FUNCTIONS	11	10	1							1		1									1								10		
3	TRIGONOMET RIC FUNCTIONS	21	21	1	1	1	1						1	1													1			21		
4	NUMBERS AND QUADRATIC EQUATIONS COMPLEX	8	8									2	1										1							8		
5	LINEAR INEQUALI TIES	6	6															1					1			1				6		
6	PERMUTATI ONS AND COMBINATIONS	11	9		1					1		1																		9		
7	BINOMIAL THEOREM	8	8			1		1		1																				8		
8	SEQUENCE AND SERIES	8	8	1									1			1														8		
9	STRAIGHT LINES	12	12	1	1			1	1																		1			12		
10	CONIC SECTIONS	11	11	1						1																	1			11		
11	INTRODUCTION TO THREE DIMENSIONAL	4	4										1										1							4		
12	LIMITS AND DERIVATIVES	16	16	1			1	1			1				1			1												16		
13	STATISTICS	7	6					1		1																				6		
14	PROBABILITY	9	8							1		1														1				8		
TOTAL		140	135	7	3	3	3	4		0	5	2	5	6	1		2	0	0	2	1	3		0	3		1	1	0	2	0	135

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