

BLUE PRINT FOR SUMMATIVE ASSESSMENT

I PUC MATHEMATICS (35)

Time : 3 hours 15 minutes

Max. Marks : 90

Unit	CONTENT	ALLOTTED TEACHING HOURS	1 mark	2 mark	3 mark	5 mark	TOTAL MARKS
1	SETS AND FUNCTIONS						
	SETS	8	1	1	1		6
	RELATIONS & FUNCTIONS	10	1	1	2		9
	TRIGONOMETRIC FUNCTIONS	18	1	3	2	1	18
	TOTAL	36	3	5	5	1	33
2	ALGEBRA						
	PRINCIPLE OF MATHEMATICAL INDUCTION	4				1	5
	COMPLEX NUMBERS & QUADRATIC EQUATIONS	8		2	2		10
	LINEAR INEQUALITIES	8	1	1	1		6
	PERMUTATION & COMBINATION	9	1	2		1	10
	BINOMIAL THEOREM	7		1		1	7
	SEQUENCE & SERIES	9	1	1	1	1	11
	TOTAL	45	3	7	4	4	49
3	COORDINATE GEOMETRY						
	STRAIGHT LINES	10	1	1	2	1	14
	CONIC SECTIONS	9	1		1	1	9
	INTRODUCTION TO 3D GEOMETRY	5	1	1		1	8
	TOTAL	24	3	2	3	3	31
4	CALCULUS						
	LIMITS & DERIVATIVES	14	1		2	2	17
	TOTAL	14	1		2	2	17
5	MATHEMATICAL REASONING	6	1	1	1		6
	TOTAL	6	1	3	3		6
6	STATISTICS & PROBABILITY						
	STATISTICS	7	1			1	6
	PROBABILITY	8			1		3
	TOTAL	15	1	0	1	1	9
	TOTAL	140	12	15	16	11	145

Note : The question paper must be prepared based on the individual blue print which is based on the weightage of marks fixed for each unit/chapter.