

CLASS-XII (2025-26)**MATHEMATICS****Time: 3 Hrs****Theory : 80 Marks**
INA : 20 Marks
Total : 100 Marks

1. All the questions are compulsory.
2. The question paper consists of 18 questions divided into 4 sections A, B, C and D.
3. Section A comprises of 1 question of 20 multiple choice type questions carrying 1 mark each.
4. Section B comprises of 7 questions of 2 marks each.
5. Section C comprises of 7 questions of 4 marks each.
6. Section D comprises of 3 questions of 6 marks each.
7. An internal choice has been provided in three questions of 4 marks and three questions of 6 marks each. You have to attempt only one of the alternatives in all such questions.
8. Use of calculators is not permitted.

Sr. No.	UNIT	CHAPTERS	Q. Carrying 1-Mark	Q. Carrying 2-Marks	Q. Carrying 4-Marks	Q. Carrying 6-Marks	Total Marks
1	Relations & Functions	Relations & Functions	3	-	1	-	7
		Inverse Trigonometric Functions					
2	Algebra	Matrices	3	1	1	1	15
		Determinants					
3	Calculus	Continuity and Differentiability	7	5	3	1	35
		Applications of Derivatives					
		Integrals					
		Applications of the Integrals					
		Differential Equations					
4	Vectors and Three Dimensional Geometry	Vectors	4	1	-	1	12
		Three Dimensional Geometry					
5	Linear Programming	Linear Programming	1	-	1	-	5
6	Probability	Probability	2	-	1	-	6
		TOTAL QUESTIONS	1(20)	7	7	3	18
		TOTAL MARKS	20	14	28	18	80