CLASS - XI
MATHEMATICS

Time: 3:00 hrs

Theory: 80 Marks
INA: 20 Marks
Total: 100 Marks

1. All the questions are compulsory.
2. The question paper consists of 16 questions divided into 4 sections A, B, C, and D.
3. Section A comprises of 3 questions.
    i. Q.No. 1 consists of 16 Multiple Choice Questions carrying 1 mark each.
    ii. Q.No. 2 consists of 8 Fill in the Blank type questions with options carrying 1 mark each.
    iii. Q.No. 3 consists of 8 True/False type questions carrying 1 mark each.
4. Section B comprises of 5 questions of 2 marks each.
5. Section C comprises of 5 questions of 4 marks each.
6. Section D comprises of 3 questions of 6 marks each.
7. There is no overall choice. However, an internal choice has been provided in three questions of 2 marks, three questions of 4 marks each 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	Topic	Q. Carrying 1-Marks	Q. Carrying 2-Marks	Q. Carrying 4-Marks	Q. Carrying 6-Marks	Total Marks
1	Sets	3	-	1	-	**7**
2	Relations & Functions	2	-	-	-	2
3	Trigonometric Functions	5	1	-	1	13
4	Principle of Mathematical Induction	0	DELETED			
5	Complex numbers & Quadratic Equations	3	1	-	-	5
6	Linear Inequalities	1	-	-	1	7
7	Permutations & Combinations	2	1	-	-	4
8	Binomial Theorem	0	DELETED			
9	Sequence & Series	2	-	1	-	6
10	Straight lines	2	-	1	-	6
11	Conic Sections	2	-	1	-	6
12	Introduction to Three-dimensional Geometry	2	1	-	-	4
13	Limits & Derivatives	5	-	-	1	11
14	Mathematical Reasoning	0	DELETED			
15	Statistics	1	-	1	-	5
16	Probability	2	1	-	-	4
	Total Questions	**3(32)**	**5**	**5**	**3**	**16**
	Total Marks	**32**	**10**	**20**	**18**	**80**