

Syllabus for Half-Yearly Examination 2022 – 2023

Class – X

Subject – Mathematics

Marks – 80

Course Structure

Unit	Chapter	Topic	Total Marks
I	Real Numbers Number System	Real numbers	06
II	Polynomials Pair of Linear equation in 2 variables Algebra	1. Polynomials 2. Pair of Linear equation in 2 Variables	20
III	Co-Ordinate Geometry	7. 1 – 3 Distance formula	06
IV	Geometry	1. Triangles	15
V	Trigonometry	1. Introduction to trigonometry	12
VI	Mensuration	Surface areas and volumes	10
VII	Statistics and Probability	Statistics	11
	Total Marks		80

Chapter – wise Question type Marks Distribution:

Units	Chapter	Topics	VSA 1 Mark	SA 2 Mark	LA – I 3 Marks	LA – II 4 Marks	Total Marks
I	Number Systems	Real Numbers	1	1	1	-	6
II	Algebra	Polynomials	3	2	1	-	20
		Pair of linear equations in 2 variables	3	-	1	1	
III	Co-Ordinate Geometry	7.1 – 7.3 Distance Formula	1	1	1	-	06
IV	Geometry	Triangles	4	-	1	2	15
V	Trigonometry	Introduction to Trigonometry	3	1	1	1	12
VI	Mensuration	Surface areas and volumes	3	-	1	1	10
VII	Statistics and Probability	Statistics	2	1	1	1	11
		Total Marks	1 x20	2 x 6	3 x 8	4 x 6	80

N.B.: There will be 10 Multiple Choice Questions from (V.S.A) Very Short Answer questions.