

**SYLLABUS X**  
**SUBJECT -MATHS**  
**SESSION – 2021-22**

DURATION	SYLLABUS COVERED	SYLLABUS TESTED	PRACTICAL/PROJECT
<b>PT -1</b> <b>(APRIL-JUNE)</b>	Ch -2 Polynomials Ch - 14 Statistics Ch - 3 Pair of linear equations in two variables Ch- 4 Quadratic Equations Ch - 10 Circles Ch -11 Construction	Ch -2 Polynomials Ch - 14 Statistics	1. Graphical Prestation of Linear Equations.  2. Verification of the Theorem ( Length of the Tangents )
<b>I TERM</b> <b>(JULY)</b>	Ch -2 Polynomials Ch - 14 Statistics Ch - 3 Pair of linear equations in two variables Ch- 4 Quadratic Equations Ch - 10 Circles Ch -11 Construction	Ch -2 Polynomials Ch - 14 Statistics Ch - 3 Pair of linear equations in two variables Ch- 4 Quadratic Equations Ch - 10 Circles Ch -11 Construction	
<b>HALF YEARLY</b> <b>(PT II)</b>  <b>(SEPT)</b>	Ch-8 Introduction to Trigonometry and Trigonometric Identities Ch - 9 Applications of Trigonometry Ch - 6 Similar Triangles Ch -12 Area related to Circle Ch - 13 Surface Areas and Volumes Ch - 1 Real Numbers	Ch- 1,2,3,4,6,8,9, 10,11,12, 13,14,	. 3.Verification of Trigonometric Identities  4.Verification of the Theorem (BPT)  5.Verification of the Theorem( Ratio of Areas Of Two Similar Triangles)  6.Verification of the Theorem

			(Pythagoras) 7. Find the curved surface area of Cylinder. 8. Find the curved surface area of Cone.
<b>PT –III (OCT-NOV)</b>	Ch -5 Arithmetic Progression Ch - 7 Coordinate Geometry Ch -15 Probability	Ch -5 Arithmetic Progression Ch - 7 Coordinate Geometry Ch -15 Probability	9. Find whether the sequence is in AP. 10. Find the sum of n terms of AP.
<b>II TERM (DEC)</b>	Full Syllabus	Full Syllabus	
<b>PREBOARD (JAN)</b>	Full Syllabus	Full Syllabus	