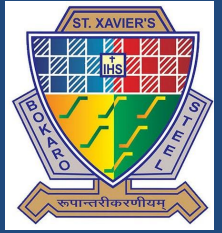


St. Xavier's School

Syllabus and Lesson Planner



Class	STD.10 (2024 - 2025)	Syllabus		
Subject	MATHEMATICS			
Ch. No.	Name of Chapter	Topic	Month	Week
1(a)	ALGEBRA	Linear Inequation	March	3rd
		Quadratic Equation	March	4th
		Problems on Quadratic Equations	April	1st
		Arithmetic Progression	April	2nd
1(b)	GEOMETRY	CIRCLES	April	3rd
UNIT TEST I [LINEAR INEQUATION , QUADRATIC EQUATION & PROBLEMS ON IT , A.P.]				
2	COMMERCIAL MATHEMATICS	GST	April	4th
		Banking	May	1st
		PROJECT 1 & 2	May	2nd
3	ALGEBRA	Ratio and Proportion	June	3rd
4	GEOMETRY	Matrices	June	4th
		Similarity	July	1st
5	ALGEBRA	Similarity(Area of Similar Triangles)	July	2nd
		Remainder and Factor theorem	July	3rd
UNIT TEST II [GST , BANKING , RATIO AND PROPORTION]				
6	Algebra & Geometry	Geometric Progression	July	4th
		CIRCLES(continued)	Aug	1st
7	COMMERCIAL	Shares and Dividend	Aug	2nd
8	GEOMETRY	TANGENT & SECANT PROPERTIES OF CIRCLES	Aug	3rd
			Aug	4th
REVISION			Sept	1st
FIRST SEMESTER EXAMINATION [CONTAINS ALL ABOVE CHAPTERS]				
9	GEOMETRY	Locus and constructions of Circles	Sept	4th
10	MENSURATION	Cylinder , Cone and Sphere	Oct	1st
11	TRIGONOMETRY	Trigonometrical Identities and complementary	Oct	3rd
UNIT TEST III [CONSTRUCTIONS , MENSURATION]				
12	TRIGONOMETRY	Heights and Distances	Oct.	4th
13	CO-ORDINATE GEOMETRY	Section Formula and Reflection	Nov	2nd
		Equation of a Straight Line	Nov	3rd
14	STATISTICS	Measures of Central tendency	Nov	4th
UNIT TEST IV [TRIGONOMETRY , CO-ORDINATE GEOMETRY]				
15	PROBABILITY	Probability	Dec.	1st

SYLLABUS OF PRE-BOARD EXAMINATION IS EXACTLY SAME AS ICSE 2024 - 2025