REVISED SYLLABUS(Feb2021) – X CLASS MATHEMATICS

S.	Name of the chapter	Topics/Exercises to be covered	Topics/Exercises left for optional	Remarks
No.				
1.	Real Numbers	Exercise 1.2 and 1.5	Exercises 1.1, 1.3 and 1.4	
2.	Sets	Complete chapter		
3.	Polynomials	Exercises 3.1, 3.2,	Exercise3.3 (Problem 4)	Graph is
		Exercise 3.3(Problems from 1 to 3)	Exercise 3.4	must.
4.	Pair of Linear equations in two variables	Page No:73 to 76 upto 'Try These'.	Exercises 4.1, 4.2 and 4.3	
5.	Quadratic Equations	Exercise 5.1	Exercises 5.2, 5.3 and 5.4	
6.	Progressions	Page No.125 to 129	Exercises 6.1, 6.2, 6.3, 6.4 and 6.5	
7.	Co-ordinate Geometry	Exercises 7.1 and 7.2	Exercises 7.3 and 7.4	
8.	Similar Triangles	1) Proof of 'BAUDHAYAN' Theorem	1) Exercise 8.1	
		(Pythagoras Theorem)	2) Exercise 8.2 (Problems from 1 to	
		2) Proof of converse of 'Pythagoras theorem'	9)	
		3) Exercise 8.4 (Problems from 1 to 10)	3) Exercise 8.3	
			4) Exercise 8.4 (Problems 10 to 12)	
9.	Tangents and Secants to a	Exercise 9.1 & 9.2	Exercise 9.3	Construction
	circle			is must.
10.	Mensuration	Page No.245 to 246	Exercises 10.1, 10.2, 10.3 and 10.4	
		Understanding 3D-shapes and their Areas,		
		volumes.		
		Identifying the terms in their formulae		
11.	Trigonometry	Complete chapter		
12.	Application of Trigonometry	From Page No.294 to	Exercise 12.1 and Exercise 12.2	
		'Do this' and 'Think & Discuss) of Page No. 297		
13.	Probability	Exercise13.1	Exercise 13.2	
14.	Statistics	Exercises 14.1, 14.2 and 14.3	Exercise 14.4	

Note: Where ever the exercise number is mentioned, it includes the concepts of all problems along with 'Examples', 'Do This', 'Try These' and 'Think, Discuss and Write' given before that exercise.