N. C. JINDAL PUBLIC SCHOOL,PUNJABI BAGH, NEW DELHI-110026, ANNUAL CURRICULUM, 2022-2023

Class-X	Subject-Mathematics	Subject Teacher(Prepared by): RR		Designation: TGT		
Preferred Text Book /Material	**Chapter's Name**	**Chapter Topic/Sub Topic**	**Term**	**StartDate**	**End Date**	**No of Pds.**
Mathematics	*REAL NUMBER*	Fundamental Theorem of Arithmetic - statement	I	4/1/2022	4/8/2022	9
Textbook for		after reviewing work done earlier and after				
Class X		illustrating and motivating through examples,				
NCERT Publication		Proofs of irrationality				
	PAIR OF LINEAR	Introduction to Pair of linear equations in two variables	I	4/11/2022	4/22/2022	13
	EQUATIONS IN	graphical method of their solution, consistency/inconsistency.				
Mathematics	TWO VARIABLES	Algebraic conditions for number of solutions.				
Exempler Problem		Solution of a pair of linear equations in two variables	I	4/25/2022	4/30/2022	7
CLASS X		algebraically - by substitution, by elimination				
Published by NCERT						
		Simple situational problems.	I	5/2/2022	5/6/2022	5
Mathematics Lab						
Mannual Class IX&X						
Published by NCERT						
	POLYNOMIALS	Definition, Zeros of a polynomial.Relationship between		5/9/2022	5/14/2022	7
		zeros and coefficients of quadratic polynomial.				
	QUADRATIC EQUATIONS	Standard form of a quadratic equation Solutions of Q.E	I	7/1/2022	7/8/2022	10
		by factorization, and by using quadratic formula.				
		Relationship between discriminant and nature of roots.				
		Situational problems based on quadratic equations	I	7/11/2022	7/16/2022	8
	COORDINATE GEOMETRY	Review: Concepts of coordinate geometry,	I	7/18/2022	7/21/2022	6
		graphs of linear equations.				
		Distance formula. Section formula (internal division).	I	7/25/2022	7/29/2022	6
	TRIANGLES	Definitions, examples, counter examples of similar triangles.	I	8/1/2022	8/6/2022	*7*

		Proof of Basic Proportionality theorem.Statement of				
		converse.Related questions				
		Criterion of simalarity and questions based on them.	I	**8/8/2022**	**8/20/2022**	10
	STATISTICS	Introduction,Mean of grouped data	I	**8/22/2022**	**8/26/2022**	7
		median and mode of grouped data	I	**8/29/2022**	**9/2/2022**	7
		(bimodal situation to be avoided).				
	PROBABILITY	Classical definition of probability.	I	**9/5/2022**	**9/9/2022**	7
		Simple problems on finding the probability of an event				
		Revision of Half yearly Examination	I	**9/12/2022**	**9/15/2022**	5
	ARITHMETIC	Introduction,Basic Concepts,Derivation of the nth terms ,sum of	II	**10/6/2022**	**10/15/2022**	8
	PROGRESSIONS	first n terms and their application in solving daily life problems.				
	CIRCLES	Tangent to a circle at, point of contact	II	**10/17/2022**	**10/21/2022**	7
		Theorems and questions based on them.				
	INTRODUCTION TO	T-ratios of an acute angle of a right-angled triangle.	II	10/27/2022	11/4/2022	10
	TRIGONOMETRY	Proof of their existence (well defined);				
		motivate the ratios whichever are defined at 0 and 90	II	**11/7/2022**	**11/11/2022**	5
		Values of the trigonometric ratios of 30, 45 and 60 .				
		Relationships between the ratios.				
		Proof and applications of the identities.				
	SOME APPLICATIONS	Simple problems on heights and distances.	II	**11/14/2022**	**11/19/2022**	7
	OF TRIGONOMETRY	Angles of elevation / depression should be only 30°, 45°, and 60°				
	AREAS RELATED	Area of sectors and segments of a circle.	II	11/21/2022	11/25/2022	7
	TO CIRCLES					
	SURFACE AREAS	Surface areas and volumes of combinations of any two of	II	**11/28/2022**	**12/2/2022**	7
	AND VOLUMES	the following: cubes, cuboids, spheres,				
		hemispheres and right circular cylinders/cones.				

	Revision	Chapterwise Revision for Pre- Board Examination	II	**12/5/2022**	**12/17/2022**	10
	Prepared by: RR					
	Sub. Co-ordinator-PCJ	Sign.				

CLASS X		Subject : MATHEMATICS	
S.NO	PT/HALF YEARLY/PRE BOARD	Chapter/Topic	Max. Marks
1	PT 1	REAL NUMBERS	8
		PAIR OF LINEAR EQUATION IN TWO VARIABLES	12
		TOTAL	20
2	PT2	REAL NUMBERS	10
		POLYNOMIALS	10
		PAIR OF LINEAR EQUATIONS IN TWO VARIABLES	12
		QUADRATIC EQUATIONS	10
		TRIANGLES	10
		COORDINATE GEOMETRY	10
		STATISTICS	10
		PROBABILITY	8
		TOTAL	80
3	PT3	ARITHMETIC PROGRESSIONS	12
		CIRCLES	8
		TOTAL	20
4	PRE BOARD	NUMBER SYSTEM	6
		ALGEBRA	20
		COORDINATE GEOMETRY	6
		GEOMETRY	15
		TRIGONOMETRY	12
		MENSURATION	10
		STATISTICS AND PROBABILITY	11
		TOTAL	80

Co-ordinator Name :_____Sign _____	
Subject Teacher :	
Name :_____Sign _____	
Name :_____Sign _____	
Name :_____Sign _____
Name :_____Sign _____
Name :_____Sign _____
Name :_____Sign _____