N. C. JINDAL PUBLIC SCHOOL PUNJABI BAGH, NEW DELHI ANUUAL CURRICULUM

Class : X		Subject : Mathematics			Designation: TGT(Maths)		
referred Text Book / Materi	Chapter's Name	Chapter Topic / Sub Topic	periodic	Start Date	End Date	No.of Periods	
NCERT MATHEMATICS	PAIR OF LINEAR EQUATIONS IN TWO VARIABLES	INTRODUCTION,PAIR OF LINEAR EQUATIONS IN TWO VARIABLES AND THEIR GRAPHICAL SOLUTION, GEOMETRICAL REPERSENTATION OF DIFFERENT POSSIBILITIES OF SOLUTIONS/ INCONSISTENCY	1	02/04/2018	07/04/2018	8	
BOOK FOR CLASS -X	PAIR OF LINEAR EQUATIONS IN TWO VARIABLES	ALGEBRAIC CONDTIONS FOR NUMBER OF SOLUTIONS AND ALGEBRAIC SOLUTION BY SUBSTITUTION METHOD, ALGEBRAIC SOLUTION BY ELIMINATION AND BY CROSS MULTIPLICATION METHOD. SIMPLE SITUATIONAL PROBLEMS. SIMPLE PROBLEMS ON EQUATIONS REDUCIBLE TO LINEAR EQUATIONS.EXTRA QUESTIONS	1	09/04/2018	13/04/2018	7	
	REAL NUMBERS	INTRODUCTION, EUCLID'S DIVISION LEMMA, FUNDAMENTAL THEOREM OF ARITHMETIC, EXAMPLES BASED ON THEM	1	16/04/2018	20/04/2018	7	
		PROOF OF RESULTS OF IRRATIONAL NUMBERS, DECIMALS EXPANSIONS OF RATIONAL NUMBERS, EXTRA QUESTIONS	1	23/04/2018	27/04/2018	7	
	POLYNOMIALS	INTRODUCTION OF ZEROES OF POLYNOMIAL, RELATIONSHIP BETWEEN ZEROES & COEFFICIENTS OF QUADRATIC POLYNOMIALS,SIMPLE PROBLEMS ON DIVISION ALGORITH FOR POLYNOMIALS WITH REAL COEFFICIENT	1	01/05/2018	04/05/2018	6	
	QUADRATIC EQUATIONS	INTRODUCTION AND STANDERD FORM OF QUADRATIC EQUATION,SOLUTION OF QUADRATIC EQUATION BYFACTORIZATION,BY COMPLETING THE SQUARE, SOLUTION OF QUADRATIC EQUATION BY USING QUADRATIC FORMULA	1	07/05/2018	11/05/2018	7	
		RELATIONSHIP BETWEEN DISCRIMINANT AND NATURE OF ROOTS,SITUATIONAL PROBLEM BASED ON QUADRATIC EQUATIONS	1	14/05/2018	18/05/2018	7	
	QUADRATIC EQUATIONS+TRIANGLES	PROBLEMS BASED ON QUADRATIC EQUATIONS,INTRODUCTION,DEFINATIONS,EXAMPLES OF SIMILAR FIGURE. SIMILARITY OF BASIC PROPORTIONALITY THEREOM AND ITSTRIANGLES BASIC PROPORTIONALITY THEREOM AND ITS APPLICATIONS CRITARIA OFSIMILARITY OF TRIANGLE AND QUESTION BASED ON THEM	2	02/07/2018	07/07/2018	8	
		THEREOM ON AREA OF SIMILAR TRIANGLES,PYTHAGORES THEREOM AND THEIR EXAMPLER APPLICATIONS QUESTIONS ON THEM	2	09/07/2018	13/07/2018	7	
	STATISTICS+TRIANGLES	APPLICATION QUESTIONS ON TRIANGLES, INTRODUCTION,MEAN OF GROUPED DATA USING DIRECT ,ASSUMED MEAN AND STEP DEVIATION METHOD	2	16/07/18	21/07/18	8	
		MODE AND MEDIAN OF A GROUPED DISTRIBUTION ,RELATIONSHIP BETWEEN MEAN,MEDIAN ,MODE	2	23/07/2018	27/07/2018	7	
		GRAPHIC METHOD TO FIND MEDIAN, CUMULATIVE FREQUENCY FOR OGIVE OF LESS THAN AND MORE THAN TYPE+ EXTRA QUESTIONS,INTRODUCTION,ARITHMETIC PROGRESSION	2	30/07/2018	03/08/2018	7	
	ARITHMETIC PROGRESSION	,NthTERM OF A.P.,SUM OF FIRST n TERMS OF A.P & APPLICATIONS IN SOLVING DAILY LIFE PROBLEMS	2	06/08/2018	10/08/2018	7	
	CONSTRUCTION	INTRODUCTION, DIVISION OF A LINE SEGMENT IN A GIVEN RATIO ,CONSTRUCTION OF SIMILAR TRIANGLE TO A GIVEN TRIANGLE,TANGENTS TO CIRCLE+EXTRA QUES.	2	13/08/2018	24/08/2018	8	
	PROBABILITY	INTRODUCTION,DIFFERENCE BETWEEN EXPERIMENTAL AND THEORETICAL PROBABILITY CLASSICAL(THEORETICAL) PROBABILITY OF AN EVENT AND THEIR APPLICATIONS IN SOLVING DIFFERENT SITUATIONS	2	27/08/18	05/09/2018	9	
		REVISION	2	06/09/18	13/09/2018	7	
		PRIODIC TEST -2	2	14/09/18	29/09/2018		
	Prepared By : Name _____KAVITA PALIWAL_____ Sign_____						
	Subject Co-ordinator : Name _____ Sign_____						

Class : X	Subject : Mathematics	Subject Teacher (Prepared by): KP		Designation: TGT(Maths)		
Preferred Text Book / Material	Chapter's Name	Chapter Topic / Sub Topic		Start Date	End Date	No.of Periods
	INTRODUCTION TO TRIGONOMETRY	INTRODUCTIONS, T-RATIO OF AN ACUTE ANGLE OF RIGHT ANGLE TRIAGLE,T-RATIO OF COMPLEMENTARY ANGLES,IDENTITIES		01/10/2018	05/10/2018	5
NCERT MATHEMATICS		VALUE(WITH PROOF) OF TRIGONOMETRIC RATIOS OF ANGLE (0,30,45,60 & 90) DEGREE INTRODUCTION,LINE OF SIGHT,ANGLE OF ELEVATION AND DEPRESSION		08/10/2018	12/10/2018	7
	SOME APPLICATIONS OF TRIGONOMETRY	PROBLEMS ON HEIGHT AND DISTANCES WITH THE HELP OF T-RATIOS +EXTRA QUESTIONS		15/10/2018	26/10/2018	8
	CO-ORDINATE GEOMETRY	INTRODUCTION,DISTANCE FORMULA,SECTION FORMULA,AREA OF A TRIANGLE		29/10/2018	03/11/2018	7
		SOLUTION OF QUESTIONS ON PROPERTIES OF Δ,QUADRILATERAL AND,DIFFERENT TYPE OF PROBLEMS		05/11/2018	16/11/2018	7
	CIRCLE+AREA RELATED TO CIRCLES	INTRODUCTION, TANGENT TO A CIRCLE, NUMBER OFTANGENTS FROM APOINT ON A CIRCLE,THEOREMS QUESTIONS ON TANGENTS TO A CIRCLE, INTRODUCTION PERIMETER AND AREA OF A CIRCLE		19/11/2018	30/11/2018	10
		AREA OF PLANE FIGURE INVOLVING TRIANGLE, QUADRALATERALS AND CIRCLE, EXTRA QUESTION,QUADRILATETRALS AND CIRCLES.EXTRA QUESTIONS,AREA OF A CIRCLE,AREA OF A SECTOR AND SEGMENT OF A CIRCLE		03/12/2018	07/12/2018	7
	SURFACE AREA AND VOLUME	Introduction of surface area and volume of combination of solids		10/12/2018	13/12/2018	5
		PROBLEMS BASED ON CONVERTING ONE TYPE OF SOLID INTO ANOTHER AND MIXED PROBLEMS		17/12/2018	21/12/2018	7
		REVISION		24/12/2018	28/12/2018	5
		PRE-BOARD		29/12/2018	25/01/2019	
	PREPARED BY	KAVITA PALIWAL				
	SUBJECT CO-ORDINATOR	MR.P.C.JHA				
	Subject Co-ordinator : Name _____ Sign_____					

N.C. JNDAL PUBLIC SCHOOL.

MARKING SCHEME OF CLASS X FOR PERIODIC TEST I, II & PRE-BOARD

Class :X		Subject :Mathematics	
Sl.No.	Priodic examinations	Chapter/Topic	Max. Marks
1		Real numbers	8
2	Periodic-1	Pair of linear equations in two variables	12
3		Polynomial	10
4		Quadratic Equations	10
		Total	40
1		Real numbers	7
2		Pair of linear equations in two variables	10
3		Polynomial	5
4		Quadratic Equations	8
5	Periodic-2	Triangles	12
6		Statistics	15
7		Arithmetic Progression	12
8		Constructions	7
9		Probability	4
		Total	80
1		Arithmetic Progression	7
2	Periodic test 3	Trigonometry	20
3		Probability	3
4		Statistics	10
		total	40
1		Number System	6
2		Algebra	20
3		Geometry	15
4	Pre-Board & Board Exam	Mensuration	10
5		Trigonometry	12
6		Co-ordinate Geometry	6
7		Probability+Statistics	11
		Total	80

Co-ordinator Name : Mr. P.C. Jha   Sign

Subject Teacher :   KP

X A   Name : Neha Anand   Sign

X B   Name : Kavita Paliwal   Sign

X C   Name : Neha Jain   Sign

X D   Name : Vidyotma Dhand   Sign

X E   Name : Rachna Rana   Sign

Name :   Sign