



JAIPURIAR SCHOOL

SENIOR SECONDARY CBSE SCHOOL

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CLASS XII

SUBJECT - MATHEMATICS

YEARLY/ MONTHLY / WEEKLY ACADEMIC CALENDER 2023-24

MONTHS	NO. OF WORKING DAYS	CHAPTERS	WEEKS
APRIL	21	CH-1 :- RELATIONS AND FUNCTIONS	WEEK 1 - INTRO TO FUNCTIONS (DOMAIN AND RANGE)
			WEEK 2 TYPES OF FUNCTIONS
			WEEK 3 TYPES OF RELATIONS
			WEEK 4 INVERSE TRIGONOMETRIC FUNCTIONS
JUN	23	CH 2 :- INVERSE TRIGONOMETRIC FUNCTIONS CHP 3 :- MATRICES AND DETERMINANTS	WEEK 1 - INVERSE TRIGONOMETRIC FUNCTIONS
			WEEK 2 - INTRO TO MATRICES
			WEEK3 - TYPES AND ALGEBRA OF MATRICES
			WEEK4 - TYPES AND PROPERTIES OF DETERMINANTS
			WEEK 5 ADJOINT AND INVERSE OF MATRIX
JULY	23	CH-4 :- CONTINUITY AND DIFFERENTIABILITY	WEEK 1 - TYPES OF CONTINUITY AND DIFFERENTIABILITY
			WEEK 2 - COMPOSITE , LOGARITHMIC DIFFERENTIATION
			WEEK 2 - IMPLICIT DIFFERENTIATION
		CHP-5 :- APPLICATION OF DERIVATIVES	WEEK 3 - PARAMETRIC DIFFERENTIATION
			WEEK 3 - SECOND ORDER DIFFERENTIATION
	WEEK 4 - RATE OF MEASURE		
AUG	22	CH - 5 :- APPLICATION OF DERIVATIVES	WEEK 1 - INCREASING AND DECREASING FUNCTIONS
			WEEK 2 - MAXIMA AND MINIMA
		CHP-6 :- INDEFINITE INTEGRALS	WEEK 2 - MAXIMA AND MINIMA
			WEEK 3 -INTRO TO INDEFINITE INTEGRATION
			WEEK 4 & 5 - INDEFINITE INTEGRATION (PROBLEM SOLVING TYPES)
SEP	19	CH-6 :- INDEFINITE INTEGRALS	WEEK 1 - INTEGRATION BY PARTS AND PARTIAL FRACTIONS
		CHP-7 :- DEFINITE INTEGRALS	WEEK 2 - INTRODUCTION TO DEFINITE INTEGRALS
		CHP-7 :- DEFINITE INTEGRALS	WEEK 3 - PROPERTIES OF DEFINITE INTEGRALS
		CHP-8 :- APPLICATION OF DEFINITE INTEGRALS	WEEK 5 - APPLICATION OF DEFINITE INTEGRALS
OCT	24	CHP-9:- DIFFERENTIAL EQUATIONS	WEEK 1 - ORDER AND DEGREE OF DIFFERENTIAL EQUATION
			WEEK 1 - VARIABLE SEPARABLE METHOD
			WEEK 2 - HOMOGENEOUS DIFFERENTIAL EQUATIONS
		CHP-10:- PROBABILITY	WEEK 2 - LINEAR DIFFERENTIAL EQUATION
			WEEK 3 - INTRO TO PROBABILITY
	WEEK 3 - ADDITION THEOREM ON PROBABILITY		
	WEEK 4 - CONDITIONAL PROBABILITY		
	WEEK 5 - PROBABILITY DISTRIBUTION (RANDOM VARIABLES)		

NOV	12	VACATION	WEEK 1 DIWALI VACATION
			WEEK 2 & 3 DIWALI VACATION
		CHP -11 :- VECTORS AND 3-D	WEEK 4 - VECTORS AND 3-D
		CHP -12 :- LINE AND PLANE	WEEK 5 - LINE
DEC	19	CHP-13 :- LPP	WEEK 1- LINEAR PROGRAMMING PROBLEM
		REVISION	WEEK 2-4 REVISION & BOARD PAPER SOLVING
JAN	21	REVISION	WEEK 1-4 REVISION & BOARD PAPER SOLVING
FEB	22	REVISION	WEEK 1-4 REVISION & BOARD PAPER SOLVING
MAR	20	BOARD EXAMS	BOARD EXAMS