THE WISDOM GLOBAL SCHOOL

SYLLABUS BIFURCATION

GRADE 11

SUBJECT:- MATHEMATICS

NAME OF BOOKS: NCERT/RD SHARMA

YEAR 2022-23

NAME OF THE TEACHER:- MR. AMIT PANDEY

				1	LACHER MR. AMIT FAMDET				
S.NO	BOOK NAME	MONTH	CHAPTER NUMBER	CHAPTER NAME	SUB-TOPICS	NO. OF DAYS REQUIRED	ACTIVITY/PROPS	SMART BOARD(PPT /VIDEO)	CHARTS
					CEME TATE MILETO DEDDECEMENTON	KEQUIKED	37770		NO
1					SETS AND THEIR REPRESENTATION	1	YES	PPT	NO
2					EMPTY SETS, POWER SET	1	YES	NO	NO
3		lūrā	1		FINITE AND INFINITE SETS	1	YES	PPT	NO
<u>4</u> 5	MOTERNI / DD			SETS	EQUAL SETS, SUBSETS	1	YES NO	PPT NO	NO NO
6	NCERT/ RD SHARMA				UNIVERSAL SET VENN DIAGRAMS	1	YES	PPT	YES
7	SHARIVIA				UNION AND INTERSECTION OF SETS	1	YES	PPT	YES
1					UNION AND INTERSECTION OF SETS	1	ILD	PPI	IES
8					QUESTIONS RELATED TO CHAPTER	2	NO	NO	NO
9					TEST	1	NO	NO	NO
10					ORDERED PAIRS	1	YES	PPT	NO
11				2 RELATIONS AND FUNCTIONS	CARTESIAN PRODUCT OF SETS	1	NO	PPT	NO
12					DEFINITION OF RELATION	1	YES	PPT	NO
13					PICTORIAL DIAGRAMS	1	NO	PPT	YES
14					PICTORIAL REPRESENTATION OF A FUNCTION	1	NO	PPT	NO
15					FUNCTION AS A SPECIAL TYPE OF RELATION	1	YES	PPT	NO
16					DOMAIN, CO-DOMAIN AND RANGE OF A FUNCTION	1	NO	PPT	NO
17	NCERT /RD SHARMA	JULY	2		REAL VALUED FUNCTIONS, DOMAIN AND RANGE OF THESE FUNCTIONS	2	NO	PPT	NO
18					CONSTANT, IDENTITY, POLYNOMIAL, RATIONAL, MODULUS, SIGNUM, EXPONENTIAL, LOGARITHMIC AND GREATEST INTEGER FUNCTIONS WITH THEIR GRAPHS	3	NO	PPT	NO
19					QUESTIONS RELATED TO CHAPTER	2	NO	NO	NO
20					TEST	1	NO	NO	NO
21					INTRODUCTION	1	NO	PPT	NO
22					MEASURING ANGLES IN RADIANS AND DEGREES	1	NO	PPT	NO

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					DEFINITION OF TRIGONOMETRIC				
24					FUNCTIONS WITH THE HELP OF UNIT	1	NO	PPT	NO
					CIRCLE				
OF					TRUTH OF THE IDENTITY SIN2X +	1	NO	PPT	NO
25	MOTERIA (DD				COS2X = 1, FOR ALL X	1	NO	PPI	NO
	NCERT/RD	AUGUST	3	TRIGONOMETRIC FUNCTIONS	SIGNS OF TRIGONOMETRIC	,	III	DD#	27.0
26	SHARMA				FUNCTIONS	1	YES	PPT	NO
					DOMAIN AND RANGE OF				
27					TRIGONOMETRIC FUNCTIONS AND	1	NO	PPT	NO
					THEIR GRAPHS	-	1.0		1.0
					EXPRESSING SIN (X+Y), SIN (X-Y) AND				
28					COS (X + Y), COS (X - Y) IN TERMS OF	2	NO	PPT	NO
					SINX, SN Y, COS X AND COS Y				
29					SIMPLE APPLICATIONS	1	NO	PPT	NO
30					TEST	1	NO	NO	NO
31					INTRODUCTION	1	NO NO	PPT	NO
31					INTRODUCTION	1	NO	PPI	NO
00					ALGEBRAIC PROPERTIES OF COMPLEX	,	370	220	27.0
32					NUMBERS, ARGAND PLANE	1	NO	PPT	NO
					,				
33	NCERT/RD			COMPLEX NUMBERS AND	STATEMENT OF FUNDAMENTAL	1	NO	PPT	NO
	SHARMA	AUGUST	5	QUADRATIC EQUATIONS	THEOREM OF ALEGBRA	-	1.0		1.0
	2-11-11-1			20121110 2201110110	SOLUTION OF QUADRATIC				
34					EQUATIONS IN THE COMPLEX	1	YES	PPT	NO
					NUMBER SYSTEM				
35					QUESTIONS RELATED TO CHAPTER	1	NO	NO	NO
36					TEST	1	NO	NO	NO
37					LINEAR INEQUALITIES	1	NO	PPT	NO
					ALGEBRAIC SOLUTIONS OF LINEAR				
38					INEQUALITIES IN ONE VARIABLE AND	1	NO	PPT	NO
	NCERT/RD		_		THEIR REPRESENTATION ON NUMBER				
	SHARMA	AUGUST	6	LINEAR INEQUALITIES	LINE				
					GRAPHICAL SOLUTION OF LINEAR				
39					INEQUALITIES IN TWO VARIABLES	2	NO	PPT	NO
40					GRAPHICAL METHOD OF FINDING A	1	NO	PPT	NO
41					TEST	1	NO	NO	NO
				MID T	ERM ASSESSMENT	-			0
					FUNDAMENTAL PRINCIPLE OF				
42					COUNTING	2	NO	PPT	NO
43					FACTORIAL (N!)	2	YES	PPT	NO
10					1110101011111 (11.)		110		1.0
44					PERMUATIONS AND COMBINATIONS	2	YES	PPT	NO
44	NCERT/RD			PERMUTATIONS AND	L PIGMON LIONS WAS COMPINATIONS	4	IEO	FFI	140
	SHARMA	SEPTEMBER	7	COMBINATIONS					
45	AIVIAAAG			COMBINATIONS	FORMULA FOR NPR AND NCR	2	NO	PPT	NO
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48					TEST	1	NO	NO	NO
49					INTRODUCTION	1	NO	PPT	NO
50					BINOMIAL THEOREM FOR POSITIVE INDICES	1	NO	PPT	NO
51	NCERT/RD	OCTOBER	8	BINOMIAL THEOREM	PASCAL's TRIANGLE	1	NO	PPT	NO
52 53	SHARMA	OCTOBER	0	BINOMIAL THEOREM	GENERAL MIDDLE TERMS, SIMPLE APPLICATIONS	1	YES	PPT	NO
54					QUESTIONS RELATED TO CHAPTER	1	NO	NO	NO
55					TEST	1	NO	NO	NO
56					SEQUENCE AND SERIES	1	NO	PPT	NO
57					ARITHMETIC PROGRESSION (A.P.)	1	YES	PPT	NO
58					GEOMETRICAL PROGRESSION (G.P.)	1	NO	PPT	NO
59					GENERAL TERM OF A G.P.	1	YES	PPT	NO
60	NCERT/RD				SUM OF N TERMS OF A G.P.	1	NO	PPT	NO
61	SHARMA	OCTOBER	9	SEQUENCE AND SERIES	INFINITE G.P. AND ITS SUM	1	NO	PPT	NO
62					GEOMETRICAL MEAN (G.M.)	2	NO	PPT	NO
63					RELATION BETWEEN A.M. AND G.M.	1	NO	PPT	NO
64					QUESTIONS RELATED TO CHAPTER	1	YES	PPT	NO
65					TEST	1	NO	NO	NO
66		NOVEMBER	10	STRAIGHT LINES	INTRODUCTION	1	NO	PPT	NO
67					SLOPE OF A LINE AND ANGLE BETWEEN TWO LINES	1	NO	PPT	YES
68	NCERT/RD				VARIOUS FORMS OF EQUATION OF A LINE	2	NO	PPT	NO
69	SHARMA				GENERAL EQUATION OF A LINE	1	NO	PPT	NO
70					DISTANCE OF A POINT FROM A LINE	2	NO	PPT	NO
71					QUESTIONS RELATED TO CHAPTER	2	NO	NO	NO
72					TEST	1	NO	NO	NO
73					SECTIONS OF A CONE- CIRCLES, ELLIPSE, PARABOLA AND HYPERBOLA	3	NO	PPT	NO
74	NCERT/RD SHARMA	NOVEMBER	11	CONIC SECTIONS	STANDARD EQUATIONS AND SIMPLE PROPERTIES OF PARABOLA, ELLIPSE AND HYPERBOLA	4	NO	PPT	NO
75					STANDARD EQUATION OF A CIRCLE	4	NO	PPT	NO
76					QUESTIONS RELATED TO CHAPTER	4	NO	NO	NO
77					TEST	1	NO	NO	NO
78					COORDINATE AXES AND COORDINATE PLANES IN THREE DIMENSIONS	1	NO	PPT	NO
79					COORDINATES OF A POINT	1	NO	PPT	NO
80	NCERT/RD	DECEMBER	12	INTRODUCTION TO THREE-	DISTANCE BETWEEN TWO POINTS	1	YES	PPT	NO

		1					I		
82					QUESTIONS RELATED TO CHAPTER	2	NO	NO	NO
83					TEST	1	NO	NO	NO
84					INTUITIVE IDEA OF LIMIT	1	NO	PPT	NO
85	NCERT/RD SHARMA	DECEMBER	13	LIMITS	LIMITS OF POLYNOMIAL AND RATIONAL FUNCTIONS TRIGONOMETRIC, EXPONENTIAL AND LOGARITHMIC FUNCTIONS	2	NO	PPT	NO
86					QUESTIONS RELATED TO CHAPTER	2	NO	PPT	NO
87					TEST	1	NO	NO	NO
				POST MI	D TERM EXAMINATION				
88					INTRODUCTION	1	NO	PPT	NO
89					DEFINITION OF DERIVATIVE	1	NO	PPT	NO
90					RELATION WITH SCOPE OF TANGENT OF THE CURVE	4	NO	PPT	NO
91	NCERT/RD SHARMA	DECEMBER / JANUARY	13	DERIVATIVES	DERIVATIVE OF SUM, DIFFERENCE, PRODUCT AND QUOTIENT OF FUNCTIONS	6	YES	PPT	NO
92					DERIVATIVES OF POLYNOMIAL AND TRIGONOMETRIC FUNCTIONS	5	NO	NO	NO
93					TEST	1	NO	NO	NO
94		JANUARY			INTRODUCTION	1	NO	PPT	NO
95					MEASURES OF DISPERSION	1	NO	PPT	NO
96					RANGE	1	NO	PPT	NO
97	NCERT/RD		15	STATISTICS	MEAN DEVIATION	1	NO	PPT	NO
98 99	SHARMA		13	Similarios	VARIANCE AND STANDARD DEVIATION OF	2	YES	PPT	NO
100					QUESTIONS RELATED TO CHAPTER	3	NO	NO	NO
101					TEST	1	NO	NO	NO
102					INTRODUCTION	1	NO	PPT	NO
103					RANDOM EXPERIMENTS, OUTCOMES, SAMPLE SPACES	3	NO	PPT	NO
104			16	PROBABILITY	EVENTS, OCCURRENCE OF EVENTS, 'NOT" 'AND' AND 'OR' EVENTS	2	YES	PPT	NO
105	NCERT/RD	FEBRUARY			EXHAUSTIVE EVENTS	1	NO	PPT	NO
106	SHARMA	FEBRUARY			MUTUALLY EXCLUSIVE EVENTS	2	NO	PPT	NO
107					PROBABILITY OF AN EVENT	2	NO	PPT	NO
108					PROBABILITY OF 'NOT', 'AND' AND 'OR' EVENTS	2	YES	PPT	NO
109					QUESTIONS RELATED TO CHAPTER	3	NO	NO	NO
110					TEST	1	NO	NO	NO
				FI	NAL ASSESSMENT				