9th std   MATHEMATICS   "KALIKA CHETARIKE"2022-23   Year plan

MONTH	LO	LEARNING OUTCOMES	L.S	T.L.S	FA/SA
MAY-JUN-2022	1	In Number system solve Fundamental operation on the basis of Number sets	1-6	6	FA-1
	5	Remembering Basic concepts of Geometry	15-17	3	
	12	Remembering Basic concepts of Algebra and Fundamental operation of Algebraic terms	31-34	4	
JUL-2022	2	Locate Irrational numbers on Number line	7-9	3	
	6	Axioms and Postulates of Euclid's Geometry	18	1	
	13	Remembering Types of Polynomials , Value, degree of polynomial, Zeroes of polynomials. Application of Remainder Theorem, Factorisation theorem	35-38	4	
FA-1 SMALL TEST 20 MARKS LAST WEEK JULY 2022					
AUG-2022	3	Represent the Rational number in the form of $\frac{p}{q}$	10	1	FA-2
	7	Types of Triangles, Properties of Triangles and Postulates of Similarity of Triangles. SSS, RHS, SAS etc	19-23	5	
	14	Solve the problems based on Algebraic identities .	39-40	2	
SEPT & OCT-2022	4	Solve the mathematical operations by using Real numbers.	11-14	4	SA-1
	8	Learn the Properties of Quadrilaterals and solve the Problems on the basis of Quadrilateral properties.	24-25	2	
FA-2 SMALL TEST 20 MARKS SECOND WEEK OF SEPT SA-1 EXAM 80 MARKS LAST WEEK SEPT 2022					
MID TERM VACATION OCTOBER [03-10-2022 to 16-10-2022]					
NOV-2022	19	By collecting Data prepare frequency distribution table.	64-65	2	FA-3
	9	Solve the problems by using Properties Cyclic Quadrilateral .	26	1	
	15	Identify and Locate coordinate points in Coordinate system.	41-42	2	
DEC-2022	20	Draw and analyse A Pictographs , A Bargraph, Double bargraph, Histogram. Frequency polygon.	66-67	2	
	10	Draw a line segment and angles by using given data.	27	1	
	16	Solve the linear equations of two variables	43-47	5	
FA-3 SMALL TEST 20 MARKS LAST WEEK DEC 2022					
JAN-2023	21	Solve the problems by using Central tendency of un grouped data.[Mean, median and mode]	68-70	3	FA-4
	11	Draw a triangles and some Quadrilaterals by using given data.	28-30	3	
	17	Remembering of Area and Perimeters of Plane figures	48-55	8	
FEB-2023	22	Understand the basic concept of Probability .	71-73	3	
	18	Surface area and Volume: By using formulas of Lateral surface area , Curved surface area, Total surface area and Volume of Solids [cube, cuboid, cylinder, cone and sphere and hemi sphere]. Solve the problems by applying day today life situation.	56-63	8	
FA-3 SMALL TEST 20 MARKS LAST WEEK OF FEB 2023					
MAR-2023		SOLVE THE MODEL QUESTION PAPERS			SA-2
		ANNUAL EXAMINATION 80 MARKS		73	

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