

## SUB.- MATHS

SESSION 2020-2

S.N.	NAME OF UNIT	NAME OF THE CHAPTER	DURATION	MARKS ALLOTED	NO. OF PERIODS REQUIRED
1	NUMBER SYSTEM	REAL NUMBERS	April / May / June	8	12
2	ALGEBRA	POLYNOMIALS	June July	17	10 5
		LINEAR EQS IN 2 VARIABLES	July		8
3	COORDINATE GEOMETRY	COORDINATE GEOMETRY	July	4	8
4	GEOMETRY	INTRODUCTION TO EUCLID'S GEOMETRY	NA	28	NIL
		LINES & ANGLES	August		13
		TRIANGLES	September		18
		QUADRILATERALS	October		10
		AREA			1
		CIRCLES	November		12
		CONSTRUCTIONS	November		6

5	MENSURATION	AREAS	December	13	8
		SURFACE AREAS & VOLUMES	December		12
6	STATISTICS & PROBABILITY	STATISTICS	January	10	8
		PROBABILITY	January		8
7	REVISION		FEBRUARY		
8	SEE		MARCH		

#### QUESTION PAPER DESIGN

SL. NO	TPOLOGY	TOTAL MARKS	%
1	REMEMBERING & UNDERSTANDING	43	54
2	APPLICATION	19	24
3	ANALYSING , EVALUATING & CREATING	18	22
		80	100

INTERNAL ASSESMENT (20)	
PPT & MULTIPLE ASSESSMENT	10 MARKS
PORTFOLIO	5 MARKS
LAB ACTIVITIES	5 MARKS

RANAKULAM REGION	
REVISED	
1 CLASS 9th	
DELETED PORTION	REMARKS
Representation of terminating / non-terminating recurring decimals on the number line through successive magnification. Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number. Definition of nth root of a real number.	
Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem. $x^3+y^3+z^3-3xyz$	2 Periods for revising Real no.
Examples, problems on Ratio and Proportion	3 Periods for revising Real no., Polynomials & Linear eqs in 2 variables.
No deletion	
Delete the Chapter	4 Periods for revising Real no., Polynomials, Linear eqs in 2 variables & Coordinate geometry.
No deletion	
Proof of the theorem deleted- Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence). Topic Deleted-Triangle inequalities and relation between 'angle and facing side' inequalities in triangles	2 Periods for revising Lines & angles. FOR PT - 2 PORTION UPTO SEPTEMBER
No deletion	5 Periods for revising Real no., Polynomials, Coordinate geometry, Lines & angles and
Delete the Chapter	
There is one and only one circle passing through three given non-collinear points. If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle.	4 Periods for revising Lines & angles, Quadrilaterals and Triangles.
Construction of a triangle of given perimeter and base angles	

Application of Heron’s Formula in finding the area of a quadrilateral.	2 Periods for revising Circles & Constructions.
No deletion	
Histograms (with varying base lengths), Frequency polygons. Mean, median and mode of ungrouped data.	Revision start.
No deletion	
	MODEL EXAM, REVISION