

Months	Chapter	Topic (CLASS-VII)
April	Ch-1 Integers	Introduction, various types of numbers.
	Ch-2 Fractions	Introduction, various types of Fractions, Multiplications, Divisions & Additions of Fractions.
	Ch-3 decimals	Introduction, Additions and Subtraction of Decimals, Multiplications of Decimals.
May	Chapter-4	Rational number
	Chapter-5	Exponents
June	Chapter-6	Algebraic expressions (Constant and Variable)
July	Chapter-7 (linear equations in one variable)	linear equations, problems based on linear equations
August	Ch-8 Ratio proportion	Direct variation
	Ch – 9 (Unitary method)	Inverse variation
	Ch – 10 (Percentage)	Percent, word problems on percentage
	Ch-11(Profit Loss)	Some term related to profit and loss.
September	Revision	Half yearly examination
	Ch- 12 Simple Interest	Introduction of Simple interest

Months	Chapters	Topic
October	Ch- 13 Lines and angles	Introduction, Supplement angles and complementary angles.
	Ch- 14 Properties of parallel lines	Introduction of parallel lines
	Ch- 15 Properties of triangles	Introduction, Triangle various Types of triangles Exterior and Interior opposite angles. Pythagoras theorem.
November	Ch – 16 (Congruence)	Introduction of Congruent figures.
	Ch – 17 Construction	Construction of parallel lines, Construction of triangles.
	Ch- 18 Reflections and Rotational Symmetry	Introduction.
	Ch- 19 Three Dimensional Shapes	Introduction of Cuboid, Cube & Cylinders.
December	Ch- 20 (Mensuration)	Area of rectilinear figures, area between Two Rectangles, Area of parallelogram and Rhombus areas of triangles, circles.
	Ch- 21 collections and organization of data	
	Ch-22 bar Graphs	
January	Ch- 23 probability Revision work	Introduction, Some terms Related to probability.

EXAM	F.M.	CHAPTER	MARKS
PT-I (01 Aug to 11 Aug 2019)	50	Chapter-1 (Integers)	5
		Chapter-2 (Fractions)	5
		Chapter-3 (Decimals)	5
		Chapter-4 (Rational number)	5
		Chapter-5 (Exponents)	5
		Chapter-6 (Algebraic expressions)	10
		Chapter-7 (linear equations in one variable)	10
		Chapter-8 (Ratio and proportion)	5
			50
Half- yearly examination (16 sep to 23 sep)	80	Chapter-1 (Integers)	5
		Chapter-2 (Fractions)	10
		Chapter-3 (Decimals)	5
		Chapter-4 (Rational number)	5
		Chapter-5 (Exponents)	5
		Chapter-6 (Algebraic expressions)	5
		Chapter-7 (linear equations in one variable)	10
		Chapter-8 (Ratio and proportion)	10
		Chapter-9 (Unitary method)	5
		Chapter-10 (Percentage)	5

		Chapter-11 (Profit Loss)	10
		Chapter-12 Simple Interest	5
			80
PT- II (18 Nov to 28 Nov 2019)	50	Chapter-9 (Unitary method)	10
		Chapter-10 (Percentage)	5
		Chapter-11 (Profit Loss)	10
		Chapter-12 Simple Interest	5
		Ch- 13 Lines and angles	5
		Ch- 14 Properties of parallel lines	5
		Ch- 15 Properties of triangles	5
		Ch – 16 (Congruence)	5
			50
PT-III 17Jan to 13Jan	50	Ch – 17 Construction	5
		Ch- 18 Reflections and Rotational Symmetry	5
		Ch- 19 Three Dimensional Shapes	10
		Ch- 20 (Mensuration)	10
		Ch- 21 collections and organization of data	10
		Ch-22 bar Graphs	5
		Ch- 23 probability	5
			50

Annual Exam 17 Feb to 26 Feb 2020	80	Term I (30%) + Ch- 13 Lines and angles Ch- 14 Properties of parallel lines Ch- 15 Properties of triangles Ch – 16 (Congruence) Ch – 17 Construction Ch- 18 Reflections and Rotational Symmetry Ch- 19 Three Dimensional Shapes Ch- 20 (Mensuration) Ch- 21 collections and organization of data Ch-22 Bar Graphs Ch- 23 Probability	24 5 5 5 6 5 5 5 5 5
			80

Months	Chapter	Topic (CLASS-V)
APRIL	Ch-1 Numbers	Numbers with 7 or more digits place value, number names, expanded form, successor and predecessor etc.
	Ch-2 Roman numerals	Roman Numerals, rules for writing Roman Numerals.
	Ch-3 Operation on Big Numbers.	Introduction, addition and subtraction of big numbers. Estimating sum and differences and division, simplification DMAS and BODMAS.
MAY	Ch-4 Factors and multiples.	Multiples of a number properties of multiples.
JUNE	Ch-4 Factors and multiples.	L.C.M, even and odd numbers. Factors of a number properties of factors, H.C.F, prime and composite numbers.
JULY	Ch-5 Fractions	Introduction, Addition, Subtraction, Multiplication and Division of fractions.
	Ch-6 Decimals	Concept of decimal, adding and subtracting decimals multiplying and dividing decimal ,use of decimals (money/length) (weight/capacity) Word problem.
August	Ch-7 Ratios &Proportion and Percentage (%)	Ratio Proportion and Percentage
	Ch-8 length	More unit of length, conversion of length, addition and subtraction of length by a number word problems, estimating length,

September	Ch-9 Weight	<p>Estimating sums and difference of length.</p> <p>More unit of weight, conversion of weight, addition of weight, subtraction of weight, multiplication and dividing weight by a number, word problems. Estimating sums and difference of weights.</p>
Revision		
October	Ch- 10 Capacity	<p>More unit of Capacity, conversion of Capacity, addition of Capacity, subtraction of Capacity, multiplication and dividing Capacity by a number, word problems. Estimating sums and difference of Capacity.</p> <p>Time in hours and minutes, AM and PM, 24- hours time clock time in second, word problems temperature in Celsius and Fahrenheit Scales.</p>
	Ch-11 Time and Temperature	<p>Conversion of Money, addition, subtraction, multiplication and dividing involving money word problems, Estimating money.</p>
	Ch- 12 Money	
November	Ch-13 Area and Perimeter	<p>Measurement of area using unit square, finding the areas of rectangle and a square, perimeter of a square and a rectangle, pathways and Verandahs.</p> <p>Unit of volume, finding volume by counting cubes, determining volume of solids</p>
	Ch-14 Volume	<p>Mental maths</p> <p>Points, line segment, line and ray angles</p>

December	Ch- 15 Geometry	<p>and its types, Pair of angles, Triangle and its types, Circle, Polygons, 3-D in 2-D symmetry, rotation to obtain symmetric solids.</p> <p>Pattern in products patterns with number9, product without actual multiplication, patterns in square and triangular numbers, tiling patterns.</p>
	Ch- 16 Patterns	<p>Representing two Dimensional Data using Tally Bars, Pictographs and Bar charts, average.</p> <p>Mental maths</p>
January	Ch- 17 Data handling and average	
	Revision work	

EXAM	F.M.	CHAPTER	MARKS
PT(01Aug- to 11 Aug2019)	50	Ch-1 Numbers	10
		Ch-2 Roman numerals	10
		Ch-3 Operation on Big Numbers.	5
		Ch-4 Factors and multiples.	5
		Ch-5 Fractions	10
		Ch-6 Decimals	10
			50
Half- Yearly Exam(16 Sep to 23 Sep)	80	Ch-1 Numbers	
		Ch-2 Roman numerals	
		Ch-3 Operation on Big Numbers.	
		Ch-4 Factors and multiples.	
		Ch-5 Fractions	
		Ch-6 Decimals	
		Ch-7 Ratios &Proportion and Percentage (%)	
		Ch-8 length	
		Ch-9 Weight	
PT-II (18 Nov To 28 Nov 2019)	50	Ch-7 Ratios &Proportion and Percentage (%)	10
		Ch-8 length	10
		Ch-9 Weight	10

		Ch- 10 Capacity	10
		Ch-11 Time and Temperature	10
			50
PT-III (17 Jan to 13 Jan)	50	Ch- 12 Money	10
		Ch-13 Area and Perimeter	10
		Ch-14 Volume	10
		Ch- 15 Geometry	5
		Ch- 16 Patterns	5
		Ch- 17 Data Handling and Average	10
			50
Annual Exam (17 Feb to 26 Feb 2020)	80	Term I (30%)+	24
		Ch- 10 Capacity	5
		Ch-11 Time and Temperature	6
		Ch- 12 Money	5
		Ch-13 Area and Perimeter	10
		Ch-14 Volume	10
		Ch- 15 Geometry	5
		Ch- 16 Patterns	5
		Ch- 17 Data handling and average	10
			80

Months	Chapter	Topic (CLASS-VI)
APRIL	Ch-1 Number system	Introduction, International system of numeration, Comparison of numbers, word problems, Estimation.
	Ch-2 Factors & Multiples.	Introduction, General properties of Divisibility, HCF & LCM.
MAY	Ch-3 Whole numbers	Operation on whole numbers addition, subtraction, multiplication, and division in whole numbers.
	Ch-4 Integers	Introduction of integers, representation of integers on the number line Operation on integers.
JUNE	Ch-5 Fractions	Fraction and fractional number, proper, improper and mixed fraction, equivalent fractions, addition and subtraction of fraction.
	Ch-6 Simplification	Use of brackets, square roots
JULY	Ch-7 Decimals	Like and unlike decimals converting a decimals into a fraction, Operation on decimals addition and subtraction of decimals.
	Ch-8 Algebraic expressions	Introduction, Operation on literals and numbers, Algebraic expression, Operation on Algebraic expression use of grouping symbol.
AUGUST	Ch-9(linear equations in one variable)	Equation, linear equation, systematic method for solving an equation, application of equations.

SEPTEMBER	Ch-10 Ratio proportion and unitary method	Introduction, comparison of ratios, proportion unitary method.
	Ch-11 Line segment, ray and lines	Basic concept
	Ch-12 Parallel lines	Parallel lines, distance between two parallel lines.
OCTOBER	Ch-13 Angles and their measurement	Magnitude of an angle and its measurement, various types of angles, measuring an angle by a protractor.
	Ch-14 (Construction) Using Ruler and a pair of Compasses	To draw the perpendicular bisector of a given line segment. To draw an angle equal to a given angle, to bisect a given angle construction of some special angles using a pair of compasses
NOVEMBER	Ch-15 Polygon	Idea of simple closed figures.
	Ch-16 Triangles	Introduction, various types of triangles naming triangles by considering their angles.
	Ch-17 Quadrilaterals	Introduction, various types of quadrilaterals.
	Ch-18 Circles	Introduction, Interior and exterior of a circle, Diameter, chord, secant of a circle circumference of a circle arc, sector of a circle.
	Ch-19 Three dimensional	Cuboid, cube , cylinder, sphere, cone prism and pyramid Triangular prism.

DECEMBER	<p>Shapes</p> <p>Ch-20 Two dimensional reflection symmetry</p> <p>Ch-21 Concept of perimeter and area</p>	<p>Linear symmetry, Examples of Linear symmetry</p> <p>Perimeter of a plane figure a rectangle and square circumference of a circle, area.</p> <p>Data, Raw data, array statistics.</p>
JANUARY	<p>Ch-22 Data Handling</p> <p>Ch-23 Pictograph</p> <p>Ch-24 Bar graph</p> <p>Revision of annual examination</p>	<p>Introduction, of pictograph</p> <p>Bar graph (or column graph) Reading and interpretation of bar graph.</p>

EXAM		CHAPTER	Marks
PT-I 01Aug to 11 Aug 2019	F.M. 50	Ch-1 Number system	5
		Ch-2 Factors & Multiples.	5
		Ch-3 Whole numbers	5
		Ch-4 Integers	5
		Ch-5 Fractions	10
		Ch-6 Simplification	5
		Ch-7 Decimals	5
		Ch-8 Algebraic expressions	10
			50
Half yearly Examination16 sep to 23 sep 2019	80	Ch-1 Number system	5
		Ch-2 Factors & Multiples.	5
		Ch-3 Whole numbers	10
		Ch-4 Integers	5
		Ch-5 Fractions	5
		Ch-6 Simplification	5
		Ch-7 Decimals	5
		Ch-8 Algebraic expressions	10
		Ch-9 (linear equations in one variable)	10
		Ch-10 Ratio proportion and unitary method	10

		Ch-11 Line segment, ray and lines	5
		Ch-12 Parallel lines.	5
			80
PT-II(18 Nov to 28 Nov 2019)	50	Ch-9 (linear equations in one variable)	5
		Ch-10 Ratio proportion and unitary method	10
		Ch-11 Line segment, ray and lines	5
		Ch-12 Parallel lines.	5
		Ch-13 Angles and their measurement	10
		Ch-14 (Construction) Using Ruler and a pair of Compasses	5
		Ch-15 Polygon	5
		Ch-16 Triangles.	5
			50
PT-III (17 Jan to 13 Jan 2020)	50	Ch-17 Quadrilaterals	5
		Ch-18 Circles	5
		Ch-19 Three dimensional Shapes	10
		Ch-20 Two dimensional reflection symmetry	5

		Ch-21 Concept of perimeter and area	10
		Ch-22 Data Handling	5
		Ch-23 Pictograph	5
		Ch-24 Bar graph	5
			50
Annual Examination (17 Feb to 26 Feb 2020)	80	Term1 (30%) +	24
		Ch-13 Angles and their measurement	5
		Ch-14 (Construction)	5
		Ch-15 Polygon	5
		Ch-16 Triangles.	5
		Ch-17 Quadrilaterals	5
		Ch-18 Circles	5
		Ch-19 Three dimensional Shapes	5
		Ch-20 Two dimensional reflection symmetry	5
		Ch-21 Concept of perimeter & area	5
		Ch-22 Data Handling	5
		Ch-23 Pictograph	3
		Ch-24 Bar graph	3
			80

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EXAM	FM	VSA	SA-I	SA-II	LA	No of Questions	Total marks
PT-I		5	5	5	5		
PT-II	50	5x1=5	5x2=10	5x3=15	5x4=20	20	50
PT-III							
TERM-I	80	6	6	10	8	30	80
TERM-II		6x1=6	6x2=12	10x3=30	8x4=32		