Academic Plan- 2016-17
Subject: Mathematics
Class-V

Chapter No.	Syllabus for Summative Assessment- I	Chapter No.	Syllabus for summative Assessment-II
1.	Numbers up to 99,99,99,999	7.	Multiplication And Division of Decimal Numbers
2.	Operations on large numbers.	9.	Rounding Off Numbers.
3.	Multiples and Factors	8.	Simplification of Numerical Expressions
4.	Fractional Numbers	10.	Averages
5.	Decimals	11.	Profit and Loss
6.	Addition and Subtraction of Decimal Numbers	12	Percentage
16.	Triangles	13.	Simple Interest
17.	Data Handling	14	Bills
		15.	Temperature

SCHEDULE OF FORMATIVE ASSESSMENT & UNIT TEST

SYLLABUS FOR UNIT TEST -I
Unit-I : Numbers up to 99,99, 99,999
Unit - II : Operations on Large Numbers

SYLLABUS FOR UNIT TEST-II
Unit -III : Multiples and Factors
Unit - IV : Fractional Numbers

SYLLABUS FOR UNIT TEST -III
Unit- V : Rounding off Numbers
Unit - VI : Multiplication and Division of Decimal Numbers

SYLLABUS FOR UNIT TEST-IV
Unit VII : Profit and Loss
Unit XI : Percentage

FORMATIVE ASSESSMENT -I
UNIT TEST (20)
Multiples and Factors

FORMATIVE ASSESSMENT -II
UNIT TEST (20)
Activity Sheet (10)
To find missing numbers.
Project(Holidays Homework)(10)

FORMATIVE ASSESSMENT -III
UNIT TEST (20)
MCQ (10)
Operations on decimal numbers (10)

FORMATIVE ASSESSMENT -IV
UNIT TEST (20)
H.W. and ASSIGNMENTS (20)

MONTH (workdays)	LESSON (No. of Days)	LEARNING OUTCOMES/VALUES	H.W	Asgn.	ACTIVITIES TO BE ASSESSED
FA-1 Apr (20)	Unit-1: Numbers up to 99, 99, 99, 999 (10)	Students will learn to: 1. write the large numbers in Indian system of numeration. 2. Write the large numbers in International system of numeration	4	1	Introductory Activity. One class test.
	Unit-2: Operations on Large Numbers (10)	1.perform basic operations i.e. +, -, x, - on large numbers.	4	1	One class test.
May (16)	Unit-3 Multiples and Factors (16)	Students will learn to: 1. differentiate between even & odd numbers. 2. prime and composite numbers. 3. find multiples and factors along with LCM and HCF.	5	1	1.*Introductory Activity and Activity sheet (Multiples and factors) Two class tests.
	Syllabus for Unit Test 1 Unit-1 Numbers up to 99,99, 99, 999 Unit-2 Operations on large numbers				

FA-2 Jul (21)	Unit-17: Data Handling (3)	Students will be able to 1. Use pictograph. 2. Prepare tally marks table for given data	1		One class test.
	Unit-4 Fractional numbers (15)	Students will be able to: 1. learn about fractional numbers. 2. perform basic operations +, -, x, / on fractional numbers	8	1	Two class tests.
	Unit-5: Decimals (3+3) (To be continue in August)	Students will be able to: 1. learn the concept of decimal numbers 2. find the places and place values of the digits in a given number.			One class test.
Aug(22)	Unit-6: Addition & Subtraction of decimal numbers (6)	Students will be able to 1. Perform addition & subtraction of like decimals.	3	1	2.*Activity Sheet: To find missing number
	Unit-16: Triangles (13)	Students will be able to perform: 1. state properties of triangle and angle sum property of triangle and apply it in different situation. 2. Verify whether the triangle can be formed or not when length of 3 sides / measure of 3 angles are given.	3	1	One class test. One class test.
	Syllabus for unit test 2 Unit – 3 Multiples and Factors Unit – 4 Fractional numbers				
Sep (5)	**REVISION SA-1**				

FA-3 Oct (17)	Unit-7: Multiplication & division of decimal numbers (12)	Students will be able to perform:- 1. perform multiplication and divisions of decimal numbers by 10, 100, 1000, … 2. convert fraction into a decimal numbers & their application in day to day life.	8	1	3* MCQ (Four operations in decimal numbers) One class test
	Unit-9 Rounding off Numbers (5)	Students will be able to :- 1. Find the estimate value of large numbers	3	1	One class test.
Nov (21)	Unit-8: Simplification of Numerical Expressions (10)	Students will be able to:- 1.simplify the numerical expressions involving whole numbers, fractions, decimal numbers using DMAS rule.	3		Two class tests.
	Unit-11: Profit and Loss (11)	Students will be able to:- 1. learn the terms like cost price, selling price, profit and loss, and their use in daily life. 2. find profit/loss in different situations	4	1	Two class tests.
	Syllabus for unit test – 3 i)Rounding Off Numbers ii)Multiplication and Division of Decimal Numbers				
FA-4 Dec (22)	Unit-12: Percentage (12)	Students will be able to 1. convert % into fraction, % into decimal and vice versa. 2. convert whole numbers into percentage and finding the percentage of a number.	6	1	Two class tests.
	Unit-13: Simple Interest (10)	Students will be able to:- 1. know the terms like principal, time period, rate of interest, simple interest. 2. find the amount and simple interest	3	1	One class test.

Jan (12)	Unit-10: Averages (6)	1. Find average of a number of values using the formula:- sum of addends Total no. of addends	2	1	4.* H.W / C.W Notebooks and Assignments will be assessed.
	Unit 14- Bills (3)	Students will be able to:- 1. Read and understand the elements of a bill. 2. Prepare bill.	1		
	Unit-15: Temperature (NFT) (3)	Students will be able to 1. understand the meaning of temperature. 2. convert the ^0C to ^0F and vice versa.	1		
	Syllabus for unit test - 4 i) Profit and Loss ii) Percentage				
Feb	**REVISION SA-2**				

NOTE:

1. Students have to maintain two notebooks :- i) one class work note book ii) one home work and assignment note book.
2. Weekly tests will be conducted for each chapter.
3. Separate assignments will be given to remedial students.
4. Assignments contain HOTS and Value Based Questions.