BLUE PRINT FOR PERIODIC TEST 1 2017-2018

CLASS : VIII   SUB : MATHS

Sr No	CHAPTERS	VSA	SA1	SA2	LA	TOTAL
1	RATIONAL NUMBERS	1(1)	1(2)	1(3)	--	3(6)
2	LINEAR EQUATION IN ONE VARIABLE	2(2)	2(4)	--	1(4)	5(10)
3	UNDERSTANDING QUADRILATERALS	1(1)	1(2)	1(3)	1(4)	4(10)
4	PRACTICAL GEOMETRY	--	--	1(3)	1(4)	2(7)
5	DATA HANDLING	--	--	1(3)	1(4)	2(7)
	TOTAL	4(4)	4(8)	4(12)	4(16)	16(40)

PATTERN OF QUESTION PAPER

MARK	NO OF QUESTIONS	TOTAL MARKS
1	4	04
2	4	08
3	4	12
4	4	16
TOTAL		40

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PERIODIC TEST-1   2018-19   <u>SET -2</u>
CLASS : VIII   SUB: MATHS   TIME : $1\frac{1}{2}$ hrs

Instructions :

All questions are compulsory. Section A contains 4 questions of 1 mark each, Section B contains 4 questions of 2 marks each , Section C contains 4 questions of 3 marks each , Section D contains 4 questions of 4 march each.
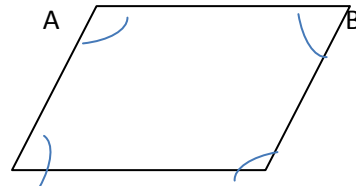
SECTION A

1)Draw and name a polygon with four sides.

2)How many sides does a regular polygon have if the measure of an exterior angle is 40°?

3)Write additive inverse of $-\frac{11}{12}$

4)Solve : 7y– 9 = 26

SECTION B

5)What should be added to twice the rational number $\frac{-7}{3}$ to get $\frac{2}{7}$?

6)Solve : 5 (x + 2) = x – 15

7)□ABCD is a parallelogram if ∠ A = 120°, find ∠B ,∠ C and ∠ D

C

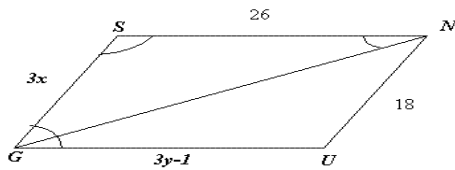8)Find two rational numbers between $\frac{1}{7}$ and $\frac{5}{14}$.

SECTION C

9)Draw a rectangle whose sides are 6 cm and 4.5 cm.

10) Represent the given rational numbers on the number line. $\frac{1}{5}$, $\frac{10}{5}$, $\frac{3}{5}$

11)The shoppers who come to a departmental store are marked as: man (M), woman (W), boy (B) or girl (G). The following list gives the shoppers who came during the first hour in the morning:

   W WW G B W W M G G M M W WWW G B M W B G G M W W M M W W
   W M W B W G M W WWW G W M M W W M W G

Make a frequency distribution table using tally marks. Draw a bar graph to illustrate it.

12)What is a regular Polygons? Draw and name regular polygon with 3 sides and 4 sides.

SECTION D

13)Construct aquadrilateral DEAR, DE=3.5cm , EA=3 cm , AR =4 cm , ∠E =60° an ∠A=120°

14)The following figure GUNS is Paralleogram.Find x and y (lengths are in cm) GU=3y-1 ,

SN=26, UN=18, GS=3x

15)Sum of the digits of a two digit number is 9.When the digits are reversed it is found that the resulting number is greater than the original number by 27.Find the number.

16)The number of hours for which students Histogram. Answer the following.
(i) For how many hours did the maximum number of students watch TV?
(ii) How many students watched TV for less than 4 hours?
(iii) How many students spent more than 5 hours in watching TV?
        (iv) How many students watched TV for less than 2 hours ?

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