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

KENDRIYA VIDYALAYA NDA PUNE-23
PERIODIC TEST-1 SESSION : 2017-18
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) Solve : $7x - 9 = 16$

2) How many sides does a regular polygon have if the measure of an exterior angle is 15°?

3) Write additive inverse of $-\frac{7}{12}$

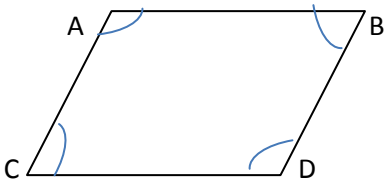
4) The sum of a number and 7 is 15. Find the number.

SECTION B

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

6) Find two rational numbers between $\frac{1}{7}$ and $\frac{3}{4}$.

7) □ ABCD is a parallelogram if ∠ A = 100°, find other angles



8)Solve : $3(x + 2) = x - 16$

SECTION C

9) Draw a parallelogram whose sides are 5 cm and 4 cm and one of the diagonal is 10 cm.

10) Represent the given rational numbers on the number line. $\frac{1}{7}$, $\frac{10}{7}$, $\frac{-3}{7}$

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 W W G B W W M G G M M W W W W G B M W B G G M W W M M W W
W M W B W G M W W W W G W M M W W M W G W M G W M M B G G W
Make a frequency distribution table using tally marks. Draw a bar graph to illustrate it.

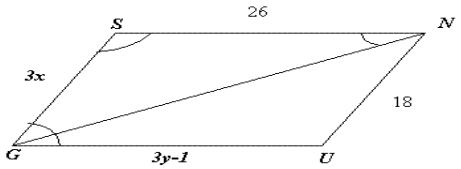
12) What is a regular Polygons? Draw and name regular polygon with 3 sides and 4 sides.

SECTION D

13) Construct a quadrilateral DEAR , DE=4 cm , EA=5 cm , A =4.5 cm , ∠ E =60° an ∠A=90°

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) The ages of Rahul and Rohan are in the ratio 5:6.four years later the sum of their ages wil be 63 years . What is their present ages?

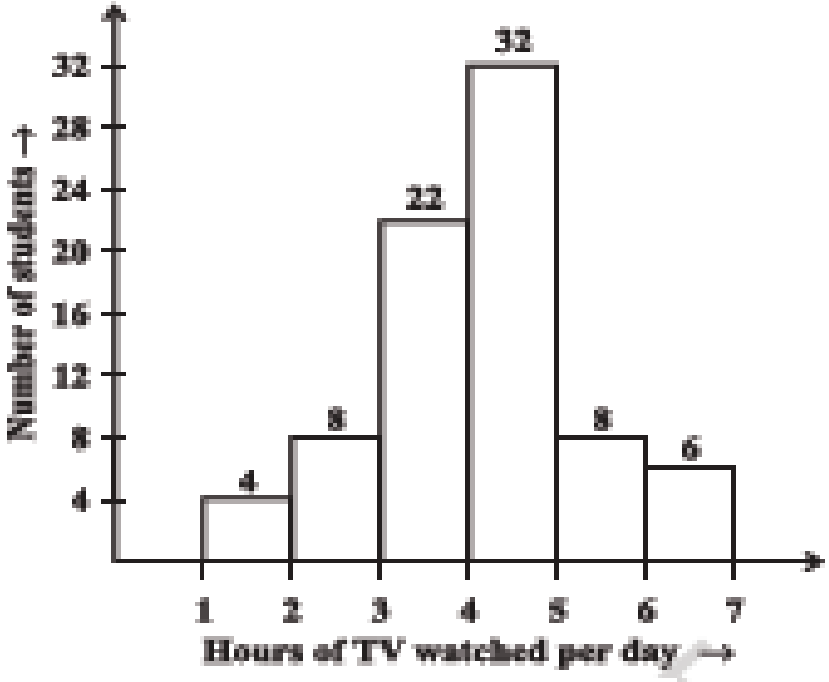
16) The number of hours for which students Histogram. Answer the following.

(i) For how many hours did the maximum number of students watch TV?

(ii) How many students watched TV for less than 5 hours?

(iii) How many students spent more than 4 hours in watching TV?

(iv) How many students watched TV for less than 3 hours ?



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