JKG INTERNATIONAL SCHOOL, VIJAY NAGAR
HALF YEARLY EXAMINATION-(2019-2020)

CLASS V- MATHS BLUE PRINT & SAMPLE PAPER

Time : 3 Hrs **M.M: 80**

Instructions :

- All questions are compulsory.
- Read carefully and do neatly
- The question paper consists of 33 questions divided into 4 sections
- **Section A** contains 10 questions of 1 mark each , **Section B** contains 7questions of 2 marks each , **section C** contains 8 questions of 3 marks each , **Section D** contains 8 questions of 4 marks each
- **5 marks reasoning included.**

SECTION – A **(10 X 1)**

1. Fill in the blank box : $\frac{9}{13} = \frac{72}{\square}$

   (a) 264 (b) 104 (c) 260 (d) 167

2. The quotient in 60÷7 is

   (a) 60 (b) 8 (c) 4 (d) 7

3. Solve : $\frac{5}{12}$x16= ___

   (a) $6\frac{8}{12}$ (b) $12\frac{8}{12}$ (c) $6\frac{2}{3}$ (d) $1\frac{2}{3}$

4. The prime factorization of 1260 is :

   (a) 2x2x3x3x5x7 (b) 4x9x5x7(c) 2x2x3x3X5 (d)2x2x9x5x35

5. Find the value of 45÷5+4= ___

   (a) 6 (b) 12 (c) 13 (d) 49

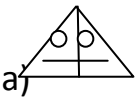
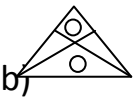
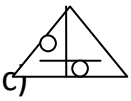
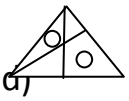
6. Find the missing number 6,30,150

   (a) 300 (b) 750 (c) 450 (d) 705

7. In a certain code language 'NICE' is written as 'MHBD' How is 'GOOD' written in that code language

   (a) CNNF (b) FNNC (c) CNFN (d) FCNN

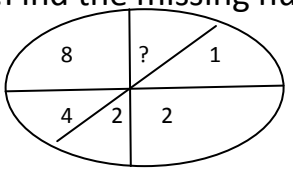
8. Problem figure :

(a)  (b)  (c)  (d) 

9. Look at this series: 3,9,27,81,-what number should come next

(a) 243 (b) 234 (c) 423 (d) 324

10. Find the missing number:



(a) 32 (b) 8 (c) 16 (d) 4

SECTION-B **(7 X 2)**

11. Find the product of 3276 and 53
12. Simplify: 3-52 +66
13. Which of the following are prime numbers?

    11,28,63,79,57,91,83

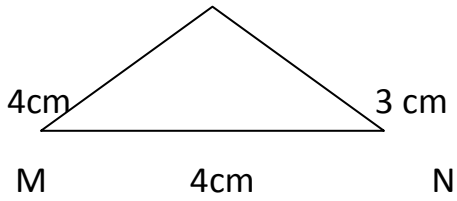
    OR

    List all prime numbers between 60 and 70
14. Write the first four equivalent fractions of $\frac{2}{3}$
15. Change $16\frac{29}{1000}$ as a decimal number.
16. Fill in the blanks

    a. A line has _____end point.

    b. Perpendicular lines meet each other at _____

17. Name and classify the triangle



SECTION-C **(8 X 3)**

18. In a confectionery, 75 toffees are packed in a packet

How many packets can be made if there are 64275 toffees? **'OR'**

Find the dividend when: Divisor=79, quotient=581, Reminder=14

19. Simplify: 20-[5x{(7+2)÷3}]

20. Give 3 examples of Co-prime numbers.

OR

List 6 consecutive composite number less than 100

21. Compare $1\frac{2}{5}$ and $1\frac{3}{7}$

22. Write in vertical columns and add:
325.23+616.153+120

23. Draw the following figures:-

(a) Ray RS (b) Line AB (c) Line segment PQ

24. Write decimal numbers for:-

(a) Sixty nine and five tenths (b)Seven and thirteen thousandths (c)Fifteen thousandths

25. Name the polygons with:

(a) 5 sides (b) 9 sides (c) 8 sides

SECTION – D **(8 X 4)**

26. Rs. 4386 was given to each of the 807 workers as their wages, how much total money was given to the workers.

27. Find the HCF of 575 and 874

28. Simplify: $\{\overline{31-9}+8\div 10\}x15+5$

29. Write in ascending order: $1\frac{2}{7}$, $1\frac{1}{2}$, $1\frac{3}{14}$

OR

Find the sum of $1\frac{5}{8}$, $6\frac{1}{4}$ and subtract it from $10\frac{1}{2}$

30. Divide by long division method:

188.64÷0.036

OR

Multiply by Column method: 1.628 and 12.8

31. Draw an angle PQR, Name its arms and vertex,

32. Fill in the blanks:

(a) In Δ PQR , $\overline{PQ}=\overline{PR}=\overline{QR}$ the triangle is an ___triangle

(b) A scalene triangle has _____sides equal.

(c) A triangle has_____ sides ____ vertices and ___ angle

(d) We can draw ____ triangles from 3 non , collinear points.

33. (a) Draw the angle 110^0 and label.

(b) Name and classify the triangle:-