SAINIK SCHOOL BIJAPUR

PERIODIC TEST 1 - 2021

CLASS: VI ABC   SUB: MATHEMATICS   MARKS: 50

DATE: 20/11/21   SET - 01   TIME: $1\frac{1}{2} Hrs$

❖ **Instructions:**

(i) All questions are compulsory

(ii) The question paper consists of 50 questions

(iii) All questions are multiple choice questions.

(iv) Each question carries 1 mark

<u>MULTIPLE CHOICE QUESTIONS</u>

1, Number of zeroes in one lakh is ------------------

    (A) 5   (B) 6   (C) 7   (D) 4

2. The symbol M in Roman numeral stands for ————-

    (A) 100   (B) 500   (C) 1000   (D) none of these

3. If 1 is added to the greatest 7-digit number, it will be equal to

    (A) ten thousand   (B) one lakh   (C) ten lakh   (D) one crore

4. The expanded form of the number 9578 is

    (A) $9 \times 1000 + 5 \times 1000 + 7 \times 10 + 8 \times 1$

    (B) $9 \times 1000 + 5 \times 100 + 7 \times 10 + 8 \times 1$

    (C) $9 \times 100 + 5 \times 100 + 7 \times 10 + 8 \times 1$

    (D) $9 \times 1000 + 57 \times 10 + 8 \times 1$

5. The monthly salary of Apala is ₹ 20975 and that of Meenu is ₹ 15875. The difference of their monthly salaries is

    (A) ₹ 6000   (B) ₹ 4900   (C) ₹ 5000   (D) ₹ 5100

6. What is the additive identity element of 24?

    (A) $\frac{1}{24}$ (B) 1   (C) 0   (D) 24

7. The product of the place values of two 2's in 428721 is

    (A) 4   (B) 40000   (C) 400000   (D) 40000000

8. Every whole number greater than one can be arranged as ---------

    (A) Squares   (B) Rectangles   (C) Line   (D) Triangles

9. (2 + 5) + 6 =2 + (5 + 6) is an example of

    (A) Commutative property   (B) Closure property

    (C) Associative property   (D) Distributive property

10. The difference between the greatest 6-digits number and least 4-digit number is

    (A) 999999   (B) 998997   (C) 998999   (D) 998877

11. The numbers which have more than two factors called

    (A) Even numbers   (B) Prime numbers

    (C) Composite numbers   (D) Odd numbers

12. If a number is divisible by 10, then which of the following can be its one's digit?

    (A) 2   (B) 3   (C) 4   (D) 0

13. The sum of two odd and one even number is

    (A) Even   (B) Prime   (C) Composite   (D) Odd

14. The number of distinct prime factors of the largest 4-digit number is

    (A) 2   (B) 3   (C) 5   (D) 11

15. If a number is divisible by 2 and 3 both then it is divisible by

    (A) 3   (B) 6   (C) 5   (D) 7

16. A pair of lines which do not intersect at any point are called -----lines

    (A) Perpendicular   (B) Parallel   (C) Concurrent   (D) Intersecting

17. If the sum of two angles is greater than180°, then which of the following is not possible for the two angles?

    (A)One obtuse angle and one acute angle   (B) Two obtuse angles

    (C) One reflex angle and one acute angle   (D) Two right angles

18. A set of points which extend infinitely in both directions is called

    (A) A line   (B) A line segment   (C) A point   (D) A plane

19. Any line segment can be formed by joining

     (A) 2 points   (B) 3 points   (C) 4 points   (D) more than four points

20. An angle is made up of two ------- starting from common end point

     (A) rays   (B) vertices   (C) lines   (D) points

21. 7 subtracted from P can be expressed as —————-

     (A) 7 – P   (B) P - 7   (C) P + 7   (D) None of these

22. Namita's present age to be y years. Her age after 6 years is ———

     (A) 6-y   (B) 6 + y   (C) y-6   (D) None of these

23. The side of a square is shown by l. The perimeter of the square is ———-

     (A) 3l   (B) 4l   (C) 5l   (D) None of these

24. Number of matchsticks required to make a pattern of "V"

     (A) 4   (B) 5   (C) 3   (D) 2

25. A basket has x mangoes, how many mangoes are there in 5 baskets?

     (A) 5   (B) 5x   (C) 6x   (D) x

26.How many lines can be drawn through given two points?

     (A) Only one   (B) 2   (C) 4   (D) Countless

27. Which statement is false?

(A) Two diameters of a circle will necessarily intersect

(B) The centre of a circle always lies in the interior

(C) The diameter is half of the radius of a circle

(D) Longer chord is nearer to the centre of the circle.

28. The polygon which is made up of least number of sides is a ------------

     (A) Square   (B) Triangle   (C) Rectangle   (D) None of these

29. Which of the following is not a symbol to write Roman Numerals?

     (A)D   (B) V   (C) M   (D) N

30. In the given circle, shaded region is representing ....

    (A) Segment   (B) Arc   (C) Chord   (D) None of these

31. Which of the following statements is correct?

   (i) A sector is the region in the interior of a circle enclosed by an arc on one side and a pair of radii on other two sides

   (ii) A segment of a circle is a region in the interior of the circle enclosed by an arc and a chord

    (A) Both (i) & (ii)   (B) Only (i)   (C) Only (ii)   (D) Neither (i) nor (ii)

32. Which is the greatest four digit number by using any one digit twice by 3, 8 and 7?

    (A) 8378   (B) 8873   (C) 3387   (D) 7783

33. A machine produces 2825 screws in a day and after a month (30 days), these screws are distributed equally to five dealers in different parts of the city. The number of screws each dealer got is

    (A) 16950   (B) 17000   (C) 17500   (D) 84750

34. Keeping the place of 6 in the number 6350947 same, the smallest number obtained by rearranging other digits is

    (A) 6975430   (B) 6043579   (C) 6034579   (D) 6034759

35. Manish multiplied 100 by 89 instead of multiplying by 79. How much was his answer greater than the correct answer?

    (A) 100   (B) 1000   (C) 10000   (D) none of these.

36. Place value and face value are always equal at which place?

    (A) Hundred's   (B) One's   (C) Thousand's   (D) Ten's

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37. Which of the following statements is true?

   (A) Every whole number is a natural number.

   (B) Every natural number is a whole number.

   (C) 1 is the least whole number.

   (D) 0 is the greatest whole number.

38. A vendor supplies 32litres of milk to a hotel in the morning and 68 litres of milk in the evening. If the milk costs Rs 20 per litre, how much money is due to vendor per day?

   (A) ₹1500   (B) ₹2000   (C) ₹1000   (D) ₹3200

39. Which is the whole number that does not have a predecessor?

   (A) 100   (B) 0   (C) 1   (D) 9

40. Which of the following is true?

   (A) 210 > 201   (B) 210 < 201   (C) 210 = 201   (D) None of these

41. If the number 7254*98 is divisible by 22, then the digit at * is

   (A) 1   (B) 2   (C) 6   (D) 0

42. A number is divisible by 5 and 6 . it may not be divisible by

   (A)10   (B) 15   (C)30   (D) 60

43. What is the HCF of two co-prime numbers?

   (A) 1   (B) 0   (C)2   (D) 4

44. Find the smallest 4-digit number which is divisible by 18,24 and 32

   (A) 1440   (B) 1288   (C)1152   (D) 1728

45. The only prime number which is also even is

   (A) 6   (B) 1   (C)2   (D) 4

46. Which is the correct expression for the atatement:

   'The sum of three times x and 11'

   (A) x + 3 +11   (B) 3x +11   (C) 3+ 11x   (D) 3x-11

47. What is the statement for the expression $3mn + 5$

    (A) 5 more than 13 of product of m and n

    (B) number 5 added to product of m and n

    (C) number 5 added to 3 times the product of m and n

    (D) none of these

48. The constant term in the expression $1 + x + x^2$ is

    (A) 1   (B) 2   (C) x   (D) x^2

49. $X + Y + Z$ is

    (A) an expression   (B) an equation   (C) constant   (D) a variable

50 The diameter of a circle whose radius $\frac{r}{2}$ is equal to

    (A) r   (B) $\frac{r}{4}$ (C) r^2 (D) 2r

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Scan and send your pdf answer sheets to the respective Gmail Id

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