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QUARTERLY COMMON EXAMINATION - 2024**6 - Std****MATHS**

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Time : 2.00 Hrs.

MARKS : 60

I Choose the correct answer.

10 X 1 = 10

- 1 billion is equal to
 - 100 crore
 - 100 million
 - 100 lakh
 - 10000 lakh
- The estimation to the nearest hundred of 76812 is
 - 77000
 - 76000
 - 76800
 - 76900
- Which of the following expressions is not zero?
 - 0×0
 - $0 + 0$
 - $2 / 0$
 - $0 / 2$
- The number of days in 'w' weeks is
 - $30 + w$
 - $30 w$
 - $7 + w$
 - $7 w$
- The ratio of the number of sides of a triangle to the number of sides of a rectangle is
 - 4 : 3
 - 3 : 4
 - 3 : 5
 - 3 : 2
- An equivalent ratio of 4 : 7 is
 - 1 : 3
 - 8 : 15
 - 14 : 8
 - 12 : 21
- If a barbie doll costs Rs. 90, then the cost of 3 such doll is Rs.
 - 260
 - 270
 - 30
 - 93
- A line is denoted as
 - AB
 - \overrightarrow{AB}
 - \overleftarrow{AB}
 - \overline{AB}
- The tally marks for the number 7 in standard form is
 - 7
 - |||| 11
 - ✓✓✓✓✓✓✓
 - |||||
- The representation of "one picture to many objects" in a pictograph is called
 - Tally mark
 - Pictoword
 - scaling
 - frequency

II Fill in the blanks.

5 X 1 = 5

- The largest 8 digit number is
- The algebraic statement of 'S divided by 5' is
- Ratio of 75 paise to Rs. 2 =
- A line through two end points 'A' and 'B' is denoted by
- The tally marks for number 8 in standard form is

III True (or) False.

5 X 1 = 5

- Successor of a one digit number is always a one digit number.
- Both addition and multiplication are associative for whole numbers.

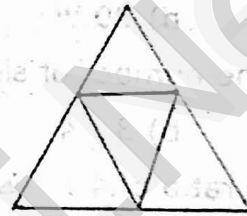
18. The product of 'q' and 20 is '20q'.
19. The ratio of 130cm to 1m is 13 : 10.
20. 20° and 70° are complementary.

IV Answer any 10 of the following.

10 X 2 = 20

21. How many thousands are there in 1 lakh?
22. Use the properties of whole numbers and simplify : 50×102 .
23. Arivazhagan is 30 years younger to his father. Write Arivazhagan's age in terms of his father's age.
24. Find the simplified form of the following ratio 15 : 20.
25. Which of the two ratios is larger? 4 : 5 or 8 : 15.
26. Fill in the box : 3 : 5 :: : 20.
27. Find the complementary angle of a) 30° b) 26°
28. Draw any 3 lines to have a point of concurrency.

29. How many triangles are there in the given figure.

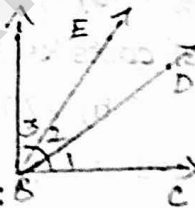


30. Define : "Ray".

31. Name the following angles as shown in the figure.

i) $\angle 1 =$

ii) $\angle 2 =$



5 X 3 = 15

V Answer any 5 of the following.

32. Arrange the following numbers in the descending order : 128435, 10835, 21354, 6348, 25840.
33. The number of people who visited the public library for the past 5 months were 1000, 2000, 2450, 3060 and 3200 respectively, How many people visited the library in the last 5 months.
34. What is the value of 'S' if $2S - 6$ gives 30?
35. The cost of parking a bicycle is Rs. 5 and the cost of parking a scooter is Rs. 15. Find the simplest ratio of the parking cost of the a bicycle to that of a scooter.
36. A line segment 63cm long is to be divided into two parts in the ratio 3 : 4. Find the length of each part.
37. Draw a pictograph for the given data.

Month	June	July	August	September
Number of Computers sold	300	450	600	550

VI Answer any one of the following.

1 X 5 = 5

38. Construct a line segment using ruler and compass $AB = 7.5\text{cm}$. (OR)
39. Draw the following angle using the protractor $\angle NAS = 90^\circ$.