

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

II Fill in the blanks.

5 X 1 = 5

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

III True (or) False.

5 X 1 = 5

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

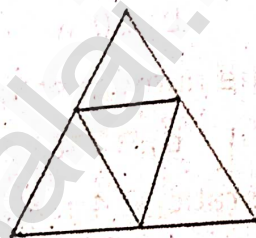
18. The product of 'q' and 20 is '20q'.
 19. The ratio of 130cm to 1m is 13 : 10.
 20. 20° and 70° are complementary.

$$10 \times 2 = 20$$

IV Answer any 10 of the following.

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 : $3 : 5 :: \square : 20$.
 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.

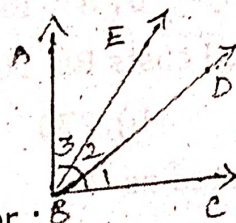


30. Define : "Ray".

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

i) $\angle 1 =$

ii) $\angle 2 =$



$$5 \times 3 = 15$$

V Answer any 5 of the following.

32. Arrange the following numbers in the decending 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

$$1 \times 5 = 5$$

VI Answer any one of the following.

38. Construct a line segment using ruler and compass AB = 7.5cm. (OR)

39. Draw the following angle using the protractor $\angle NAS = 90^\circ$.