

INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

CLASS - III SUBJECT - MATHEMATICS

1. The product of group of numbers A and B with a number C is same as the another group of A and C with B. Which one of the following is correct about the above statement?

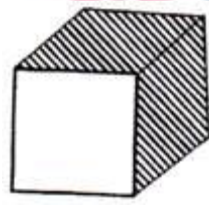
- A) $(A \times B) \times C \neq (A \times C) \times B$
- B) $(A \times B) \times C = (A \times C) \times B$
- C) $(A \times B) \times C > (A \times C) \times B$
- D) All of these
- E) None of these

2. 8 calenders were distributed in each factory of 10 such factories. How many calenders were distributed?

- A) 80
- B) 81
- C) 82
- D) 83
- E) None of these

3. How many edges are there in the figure given below?

- A) 8
- B) 12
- C) 13
- D) 16
- E) None of these



4. Consider the following statements:

Statement 1: A line has a fixed length it cannot be extended.

Statement 2: A ray does not have fixed length it can be extended in one direction.

Which one of the following is correct about the above statements?

- A) Statement 1 is true and 2 is false
- B) Statement 1 is false and 2 is true
- C) Both statements are true
- D) Both statements are false
- E) None of these

5. In an area there are 560 people having bicycles and 450 people having motor cycles. How many people do not have either bicycles or motor cycles, if survey was held among 2000 people?

- A) 980
- B) 1100
- C) 990
- D) 890
- E) None of these

6. The length of a tube is 100 centimetre. What will be the length of its 100th part in millimetre?

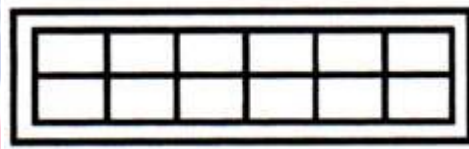
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- A) 10 millimetre
- B) 100 millimetre
- C) 1000 millimetre
- D) 50 millimetre
- E) None of these

7. The height of a mobile tower is 225 m 56 cm. Which one of the following is equal to the length of the tower in decimal number?

- A) 22556.34 m
- B) 225.56 m
- C) 2225.560 m
- D) 453.30 m
- E) None of these

8. There are 12 small figures in a big plane figure below. How many such big figures will



contain 144 small figures?

- A) 11
- B) 12
- C) 10
- D) 18
- E) None of these

9. The sum of three equal numbers is A. Which one of the following is the value of each number?

- A) 3 A
- B) 3A
- C) $3 \times A$
- D) A^3
- E) None of these

10. How many coins are obtained on converting Rs. 112 into 20 cent coins?

- A) Rs. 570
- B) Rs. 540
- C) Rs. 560
- D) Rs. 660
- E) None of these

11. Divide: Rs. 680.60 into 6 equal parts.

- A) Rs. 113.43
- B) Rs. 112.43
- C) Rs. 123.45
- D) Rs. 110.40
- E) None of these

12. Two machines can do a work in 5 hours and two workers can do the same work in 80 days working 8 hours in a day. Who is faster by how much?

- A) Machine by 634 hours
- B) Workers by 624 hours

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- C) Machine by 635 hours
- D) Machine by 880 hours
- E) None of these



13. What time is shown by the clock in the given figure?

- A) 10 : 20
- B) 10 : 10
- C) 10 : 30
- D) 10 : 40
- E) None of these

14. Mariam has a necklace. It contains 50 equal silver coins in which one silver coin is gold coloured. Which one of the following parts of necklace is gold coloured?

- A) $1/50$
- B) $3/50$
- C) $6/50$
- D) $7/50$
- E) All of these

15. There are 57 rows of chairs in a cinema hall and each row contains 67 chairs. How many people will sit in the cinema hall?

- A) 3845
- B) 3644
- C) 3819
- D) 3820
- E) None of these

16. 50 kg of fishes are required for a marriage party. How much money is paid at the rate of Rs. 82 per kg?

- A) Rs. 4100
- B) Rs. 4431
- C) Rs. 4341
- D) Rs. 5100
- E) None of these

17. Subtract the following: $(7x-x)-2x$.

- A) $5x$
- B) $4x$
- C) $3x$
- D) x
- E) None of these

18. If $x = 1$ and $y = 2$, find the value of $2x+3y$.

- A) 5
- B) 8
- C) 7

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- D) 4
- E) None of these

19. Find the value of x from: $9+15=15+x$.

- A) 5
- B) 4
- C) 9
- D) 7
- E) None of these

20. Consider the following two statements:

Statement 1: The addition of two even numbers is not always an even number.

Statement 2: The addition of two even numbers is always an even number.

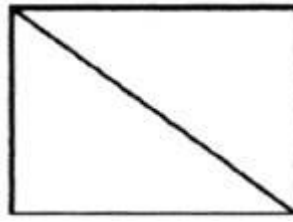
Which one of the following is correct about the above statements?

- A) Statement 1 is true and 2 is false
- B) Statement 1 is false and 2 is true
- C) Both statements 1 and 2 are false
- D) Both statements 1 and 2 are true
- E) None of these

21. How many odd numbers are there between 1 to 100?

- A) 20
- B) 30
- C) 50
- D) 60
- E) None of these

22. Sides of the following figure are equal. Which one of the following types of triangle is formed



on dividing the figure through its diagonal?

- A) Equilateral triangles
- B) Scalene triangles
- C) Isosceles triangles
- D) All of these
- E) None of these

23. The total length of all three sides of a triangle is 57 cm. If the sum of two equal sides is the twice of third side then the triangle is a/an?

- A) Right triangle
- B) Equilateral triangle
- C) Isosceles triangle
- D) All of these
- E) None of these

24. How many lines are possible between two points?

- A) Two
- B) Three

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- C) Four
- D) One
- E) None of these



25. Consider the following statements:

Statement: 1. Through a point A infinite lines can be drawn.

Statement: 2. Through a point A maximum 100 lines can be drawn.

Which one of the following is correct about the above statements?

- A) Statement 1 is true and 2 is false
- B) Statement 1 is false and 2 is true
- C) Both statements are true
- D) Both statements are false
- E) None of these

26. If  = 20 triangles then how many triangle can be represented by  ?

- A) 60
- B) 70
- C) 80
- D) 90
- E) None of these

27. The length of a wire is 45 cm. What would be the length of the same wire in millimetre?

- A) 250 mm
- B) 4500 mm
- C) 240 mm
- D) 450 mm
- E) None of these

28. Convert 225 metre into centimetre and 3445 centimetre into metre.

- A) 22500 cm, 34.45 m
- B) 4500 cm, 32.34 m
- C) 2250 cm, 30.45 m
- D) 500 cm, 5.50 m
- E) None of these

29. The time shown by the clock is 10 hours 30 minutes. How many times does the minute hand of the same clock rotate when the time shown by the clock is 2 hours 30 minutes?

- A) 2 times
- B) 3 times
- C) 4 times
- D) 5 times
- E) None of these

30. The length of a rope is 15 cm. How many pieces of the same rope can be obtained on dividing it at each 2.5 cm of length?

- A) 6

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- B) 7
- C) 8
- D) 5
- E) None of these

31. The cost of three dozens of bananas is Rs. 54. What is the cost of one banana?

- A) Rs. 1 and 50 cent
- B) Rs. 1 and 30 cent
- C) Rs. 1 and 20 cent
- D) Rs. 1 and 90 cent
- E) None of these

32. Subtract:Rs. 569.90-Rs. 450.25.

- A) Rs. 122.35
- B) Rs. 119.65
- C) Rs. 120.40
- D) Rs. 125.50
- E) None of these

33. If $\bigcirc = x$, $\square =$ and \otimes find the value of $10 \bigcirc 3 \otimes 18 \square 6$.

- A) 30
- B) 36
- C) 33
- D) 35
- E) None of these

34. If a question contains all three types of brackets, such that small bracket is under middle bracket and middle bracket is under big bracket, which one of the following brackets should be removed first to solve the question?

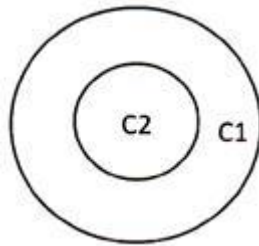
- A) ()
- B) { }
- C) []
- D) All of these
- E) None of these

35. Jimmy played cricket from 4 : 30 pm to 6 : 10 pm and his friend Puppy played 3 hours more than that of Jimmy played. How many hours did Puppy play?

- A) 4 hours 40 minutes
- B) 4 hours 30 minutes
- C) 4 hours 20 minutes
- D) 4 hours 10 minutes
- E) None of these

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36. If area of a circle C1 is full of natural numbers. Which one of the following is correct about



the area of the circle C2?

- A) Area of the circle C2 is full of prime numbers
- B) Area of circle C2 is full of composite numbers
- C) Area of circle C2 is full of even numbers
- D) All of these
- E) None of these

37. Arrange the following in ascending order. 985, 543, 239, 5433, 546.

- A) $239 < 543 < 546 < 985 < 5433$
- B) $546 < 985 < 5433 < 239 < 543$
- C) $546 < 985 < 5433 < 543 < 239$
- D) $543 < 546 < 985 < 239 < 5433$
- E) None of these

38. According to the additive property for zero, which one of the following is correct?

- A) $34 + 0 = 34$
- B) $29 + 18 = 18 + 29$
- C) $23 + 67 = 50 + 50$
- D) $0 + 0 = 10$
- E) None of these

39. What will be replaced by letter 'a' in the following subtraction?

$$\begin{array}{r}
 \textcircled{8} \quad \quad \textcircled{4} \textcircled{5} \\
 \cancel{9} \quad 7 \quad \cancel{3} \quad \cancel{6} \quad \cancel{A} \\
 - \quad 7 \quad 8 \quad 2 \quad 6 \quad 8 \\
 \hline
 1 \quad a \quad 2 \quad 9 \quad 6
 \end{array} = 19296.$$

- A) 4
- B) 3
- C) 1
- D) 9
- E) None of these

40. A container contains 45873 mangoes and another container contains 38765 mangoes. Find the difference of both the containers.

- A) 7108
- B) 7026
- C) 7027
- D) 7099
- E) None of these

41. Find the value of $[300+0+2]$.

- A) [320]
- B) [321]

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- C) [302]
- D) [230]
- E) None of these

42. Fill in the box: $500+55=400+ [?]$

- A) 55
- B) 100
- C) 155
- D) 500
- E) None of these

43. Which of the following is the nearest ten for [53]?

- A) [70]
- B) [20]
- C) [50]
- D) [60]
- E) None of these

44. Which of the following is true?

- A) [34] is more than [43].
- B) [45] is more than [54].
- C) [54] is less than [45].
- D) [45] is less than [54].
- E) None of these

45. Which one of the following is equal to $3+3+3+3+3$?

- A) [5+3]
- B) [5×3]
- C) [5-3]
- D) [5÷3]
- E) None of these

