

INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

CLASS - IV SUBJECT - MATHEMATICS

- Write the expanded form for the numeral 7400546.
A) $700000 + 40000 + 5000 + 40 + 6$
B) $7000000 + 400000 + 5000 + 40 + 6$
C) $7000000 + 400000 + 500 + 40 + 6$
D) $700000 + 40000 + 5000 + 400 + 6$
E) None of these
- Arrange the following numerals in descending order. LXIV, LXVI, CLI, CXXXVII
A) LXIV>CLI>LXVI>CXXXVII
B) LXIV>LXVI>CLI>CXXXVII
C) CLI>LXVI>CXXXVII>LXIV
D) CLI>CXXXVII>LXVI>LXIV
E) None of these
- If $x=90$, $y=80$ and $x-y=z$, find the value of $x+y+z$.
A) 170
B) 180
C) 190
D) 200
E) None of these
- Which one of the following numbers should be multiplied by 25 in order to get the product 12 more than 188?
A) 5
B) 6
C) 7
D) 8
E) None of these
- In a hall there are $X + 42$ rows of chairs. Each row has 230 chairs. If X is 20 more than 56, find the total number of chairs in the hall.
A) 27170
B) 27160
C) 27150
D) 27140
E) None of these
- Identify the improper fraction from the following.
A) $\frac{5}{16}$
B) $\frac{11}{16}$
C) $\frac{16}{11}$
D) $\frac{5}{11}$
E) None of these

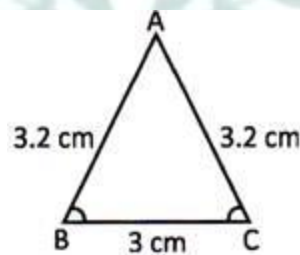
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7. Cost of 5 pencils is equal to the cost of 1 pen. If cost of 3 pencils is Rs.9, find the cost of 5 pens.
- A) Rs.75
 - B) Rs.70
 - C) Rs.90
 - D) Rs.85
 - E) None of these

8. How many line segments are there in a quadrilateral?
- A) 1
 - B) 2
 - C) 3
 - D) 4
 - E) None of these

9. Perimetre of a square is 32 cm. Find the area of the square.
- A) 64cm²
 - B) 40cm²
 - C) 68cm²
 - D) 54cm²
 - E) None of these

10. Sum of 225 and 275 is equal to the sum of:
- A) 175 and 235
 - B) 200 and 255
 - C) 125 and 375
 - D) 155 and 365
 - E) None of these



11. Identify the triangle given below.
- A) Equilateral triangle
 - B) Isosceles triangle
 - C) Scalene triangle
 - D) Irregular triangle
 - E) None of these

12. P and Q are two decimals. If $P = 8.003 + 0.1$ and $Q = 6.3 + 2.01$, which one of the following is true?
- A) $P > Q$
 - B) $P < Q$

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- C) $P = Q$
- D) All of these
- E) None of these

13. Length and breadth of a rectangle are 8 cm and 7 cm respectively. Find the area of the rectangle.

- A) 54cm^2
- B) 56cm^2
- C) 58cm^2
- D) 60cm^2
- E) None of these

14. What is 1 more than the greatest 5-digit number?

- A) Smallest 6-digit number
- B) Greatest 7-digit number
- C) Greatest 6-digit number
- D) Smallest 7-digit number
- E) None of these

15. Match the following:

- | | | |
|-------------|-------|------|
| (A) MLXVIII | (I) | 1130 |
| (B) MCXXX | (II) | 1192 |
| (C) MCXCII | (III) | 1068 |
| (D) MCCLIV | (IV) | 1254 |
- A) A - III, B - I, C - IV, D - II
 - B) A - II, B - III, C - II, D - IV
 - C) A - III, B - II, C - I, D - IV
 - D) A - III, B - I, C - II, D - IV
 - E) None of these

16. Look at the following table.

Godowns	Amount of grain
Godown I	644655 kg
Godown II	645656 kg
Godown III	x
Godown IV	244564 kg

If the total amount of grain in four godowns together is 1785125 kg. Find the amount of grain in godown III.

- A) 306975 kg
- B) 250250 kg
- C) 534875 kg
- D) 234875 kg
- E) None of these

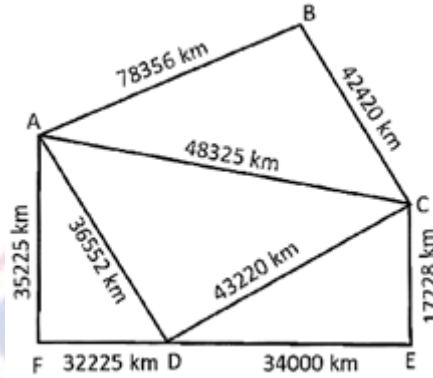
17. If $A - B = B + 6$ and $A = 10$, find the value of B.

- A) 0
- B) 1

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- C) 2
- D) 3
- E) None of these

18. Jack travels from A to D then D to C and then returns back from C to A. Find the distance



travelled by Jack.

- A) 128097 km
- B) 125097 km
- C) 124002 km
- D) 123020 km
- E) None of these

19. Which one of the following numbers should be added to 549 such that the resulting number becomes divisible by 5?

- A) 0
- B) 1
- C) 2
- D) 3
- E) None of these

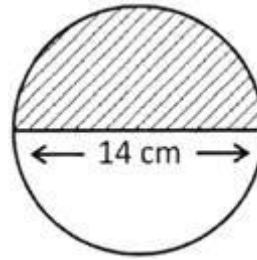
20. Product of the two numbers is 432. If one of the numbers is 12, find the other number.

- A) 30
- B) 32
- C) 34
- D) 36
- E) None of these

21. If $A = 50$, $B = 20$ and $C = 60$, find the sum of the product of A, B and A, C.

- A) 2000
- B) 3000
- C) 4000
- D) 5000
- E) None of these

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22. Find the area of the shaded part of the following figure.

- A) 77cm^2
- B) 80cm^2
- C) 72cm^2
- D) 85cm^2
- E) None of these

23. Find the quotient and remainder when 1496 is divided by 20.

- A) $Q = 74, R = 16$
- B) $Q = 74, R = 14$
- C) $Q = 70, R = 15$
- D) $Q = 72, R = 16$
- E) None of these

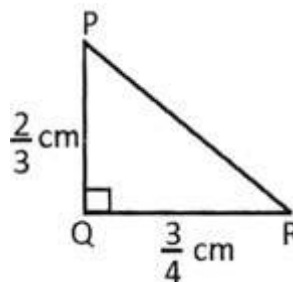
24. Represent the shaded part in the following figure as a fraction.



- A) $\frac{3}{8}$
- B) $\frac{9}{5}$
- C) $\frac{5}{8}$
- D) $\frac{2}{3}$
- E) None of these

25. Convert the improper fraction $\frac{518}{27}$ into a mixed fraction

- A) $5 + \frac{19}{27}$
- B) $27 + \frac{19}{5}$
- C) $19 + \frac{5}{27}$
- D) $27 + \frac{5}{19}$
- E) None of these



26. Find the area of the following triangle.

- A) $\frac{1}{2}\text{cm}^2$

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- B) $1/3\text{cm}^2$
- C) $1/4\text{cm}^2$
- D) $1/5\text{cm}^2$
- E) None of these

27. Which one of the following is not true?

- A) 345.32456 and 356563.46645 are like decimals.
- B) 0.023 and 0.00023 are unlike decimals.
- C) 4.50 and 0.45 are equivalent decimals.
- D) All of these
- E) None of these

28. Find the greatest decimal from the following : 2754.266, 2754.0266, 2754.32, 2754.098

- A) 2754.266
- B) 2754.0266
- C) 2754.32
- D) 2754.098
- E) None of these

29. If 3 pens cost Rs.15, how much do 5 pens cost?

- A) Rs. 25
- B) Rs. 10
- C) Rs. 15
- D) Rs. 20
- E) None of these

30. Convert 15 km 200 m into metres.

- A) 15200 m
- B) 17000 m
- C) 15020 m
- D) 15002 m
- E) None of these

31. Which one of the following is true for Rs. 25.63?

- A) Rs. 25 and 63 paise
- B) Rs. 2563
- C) Rs. 256 and 3 paise
- D) Rs. 2 and 63 paise
- E) None of these

32. Chirstina has Rs. 235 more than the money Jack has. If Jack has Rs. 200, how much money do they have together?

- A) Rs. 625
- B) Rs. 635
- C) Rs. 630
- D) Rs. 650






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E) None of these

33. An angle which measures 65° is a/an:

- A) Acute angle
- B) Obtuse angle
- C) Right angle
- D) Straight angle
- E) None of these

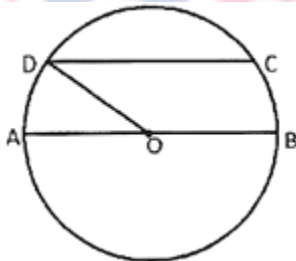
34. Match the following:

- (i) 
- (ii) 
- (iii) 

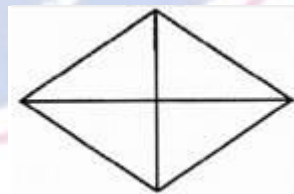
- (A) One end point
- (B) Two end point
- (C) No end point

- A) I - B, II - A, III - C
- B) I - C, II - B, III - A
- C) I - A, II - B, III - C
- D) I - C, II - A, III - B
- E) None of these

35. Which one of the following line segments is the diameter of the given circle?



- A) OD
- B) AB
- C) CD
- D) AO
- E) None of these

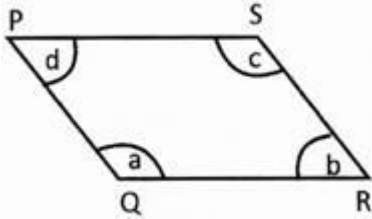


36. How many triangles are there in the following figure?

- A) 4
- B) 6
- C) 8
- D) 10
- E) None of these

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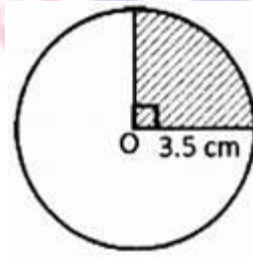
37. Look at the following figure. If $b = 70^\circ$, $c = 110^\circ$, $d = 70^\circ$ then find the value of a .



- A) 125°
- B) 135°
- C) 155°
- D) 110°
- E) None of these

38. Which one of the following statements is correct about a square?

- A) A square is made up of four line segments
- B) A square has four right angles
- C) All the sides of a square are equal
- D) All of these
- E) None of these



39. O is the centre of the circle. Find the area of the shaded region.

- A) 8.225cm^2
- B) 9.25cm^2
- C) 9.625cm^2
- D) 10.125cm^2
- E) None of these

40. If represents 75 TV sets how many TV sets does represents?

- A) 25
- B) 45
- C) 75
- D) 85
- E) None of these

41. Which one of the following is an incorrect statement?

- A) $345 + 0 = 345$
- B) $345 - 0 = 345$
- C) $345 \times 0 = 0$
- D) $0 - 345 = 345$
- E) None of these

42. Which pair of numbers best completes the given equation? $13 + \square - 7 = \{\}$

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- A) [8]and{13}
- B) [8]and{14}
- C) [9]and{18}
- D) [9]and{18}
- E) None of these

43. The missing digit in the given multiplication is: $18[?]87 \times 3368$

- A) 8
- B) 4
- C) 2
- D) 6
- E) None of these

44. Difference of 3rd multiple of 7 and 7th multiple of 3 is:

- A) 21
- B) 4
- C) 3
- D) 0
- E) None of these

45. Roman numerals XL is same as:

- A) $100+40$
- B) $60-10$
- C) 10040
- D) $100-60$
- E) None of these

