

INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

CLASS - IV SUBJECT - MATHEMATICS

1. The value of Roman numerals sum (CM + CD) is:

- A) 1800
- B) 1100
- C) 1500
- D) 1200
- E) None of these

2. The smallest 4-digit number formed by using the digits 8, 5, 0 and repeating 5 twice is:

- A) 5850
- B) 5508
- C) 5058
- D) 5085
- E) None of these

3. Which of the following statements is true for the given values?

A B C D
1870 1887 1708 1787

- A) A is the smallest of all others.
- B) D is the smallest of all others.
- C) B is the greatest of all others.
- D) C is the greatest of all others.
- E) None of these


4. The product of predecessor and successor of 11 is:

- A) 99
- B) 210
- C) 120
- D) 108
- E) None of these

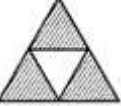

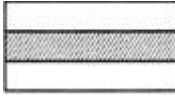
5. Difference of fractions ($\frac{3}{5} - \frac{1}{5}$) is same as:

- A) $\frac{1}{5} + \frac{1}{5}$
- B) $\frac{2}{5} - \frac{1}{5}$
- C) $\frac{2}{5} + \frac{1}{5}$
- D) $\frac{4}{5} - \frac{1}{5}$
- E) None of these

6. In which one of the following figures, the shaded parts represents $\frac{1}{3}$?

- A) 

INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

- B) 
- C) 
- D) 
- E) None of these

7. What is the sum of fractions used to represent the shaded parts for the given figures?



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

8. Difference of 8 tenths and 8 thousandths in decimal will be:

- A) 0
 B) 7.92
 C) 0.792
 D) 79.2
 E) None of these

9. Expanded form of 6.234 is:

- A) $6 + 210 + 3100 + 41000$
 B) $6 + 2100 + 31000 + 410000$
 C) $6 + 21 + 310 + 4100$
 D) $6 + 210 + 31000 + 410000$
 E) None of these

10. Match the following and choose the correct option.

Column (A)

(I) Rs.10

(II) Rs.1

(III) Rs.3.50

(IV) Rs.5.50

Column (B)

(A) Eleven 50 paise coins

(B) Twenty 50 paise coins

(C) Seven 50 paise coins

(D) Two 50 paise coins

A) (I - B), (II - C), (III - A), (IV - D)

B) (I - B), (II - D), (III - C), (IV - A)

C) (I - B), (II - A), (III - D), (IV - C)

D) (I - D), (II - B), (III - C), (IV - A)

E) None of these

INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

11. After buying a packet of chocolate for Rs.88.50, Rahul left with Rs.23.50. Rahul had the amount of:

- A) Rs.115
- B) Rs.65
- C) Rs.112
- D) Rs.142
- E) None of these

12. Cost of half dozen guavas is Rs.18. Find the cost of two and half dozen guavas.

- A) Rs.90
- B) Rs.60
- C) Rs.45
- D) Rs.120
- E) None of these

13. John types 4500 words in half an hour. How many words would he type in 12 minutes?

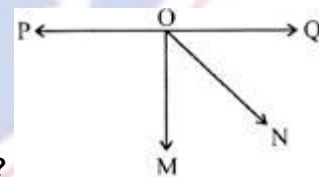
- A) 1800 words
- B) 2100 words
- C) 1500 words
- D) 1200 words
- E) None of these

14. Two angles of a triangle are 42° and 47° . The triangle is a/an:

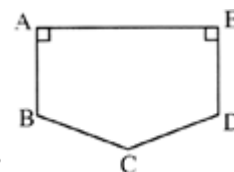
- A) acute-angled triangle
- B) obtuse-angled triangle
- C) right-angled triangle
- D) is osceles triangle
- E) None of these

15. Which one of the following is not pictured in the given diagram?

- A) Ray ON
- B) Line PQ
- C) Angle POQ
- D) Line segment MN
- E) None of these



16. How many obtuse angles are there inside the given figure?



INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

- A) Two
- B) Three
- C) Four
- D) Five
- E) None of these

17. The length of the curved boundary of a circle is called ___ of the circle.

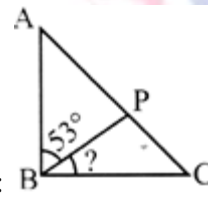
- A) diameter
- B) circumference
- C) chord
- D) radius
- E) None of these

18. Number of centimetres of measured diameter of a circle is 6 times the smallest odd prime number. The radius of the circle is:

- A) 6 cm
- B) 8 cm
- C) 9 cm
- D) 12 cm
- E) None of these

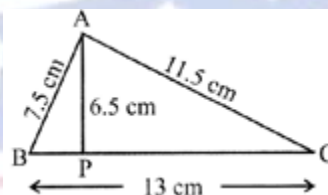
19. In the given figure $\angle ABC = 90^\circ$. Measure of missing $\angle PBC$ is:

- A) 47°
- B) 43°
- C) 57°
- D) 37°
- E) None of these

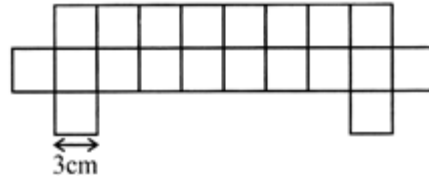


20. Find the perimeter of the given triangle ABC.

- A) 38.5 cm
- B) 32 cm
- C) 31 cm
- D) 25.3 cm
- E) None of these



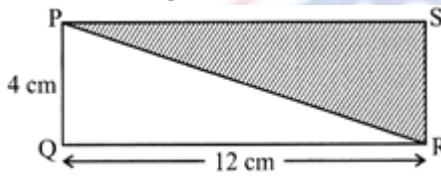
INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025



21. What is the perimeter of the given figure?

- A) 74 cm
- B) 86 cm
- C) 84 cm
- D) 92 cm
- E) None of these

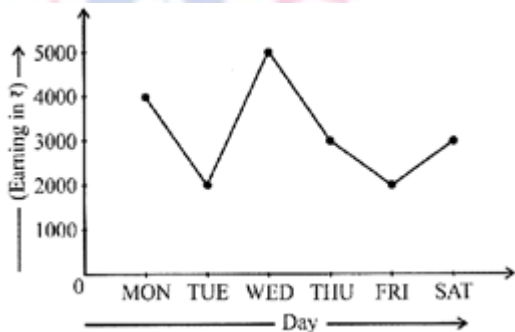
22. Area of triangle PRS is half of the area of rectangle PQRS.



Find the area of triangle PRS.

- A) 32cm²
- B) 48cm²
- C) 16cm²
- D) 24cm²
- E) None of these

23. Given line graph represents daily earning of a store for six days.

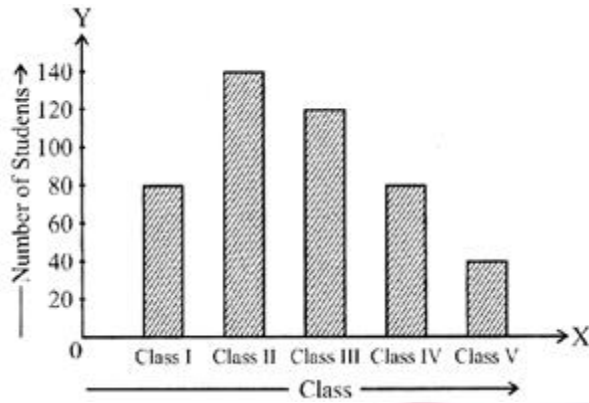


On which day, the earning was equal to the total earnings of Tuesday and Thursday?

- A) Monday
- B) Wednesday
- C) Friday
- D) Saturday
- E) None of these

24. Direction: Following bar graph represents the number of students of different classes who participated in a competition.

INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

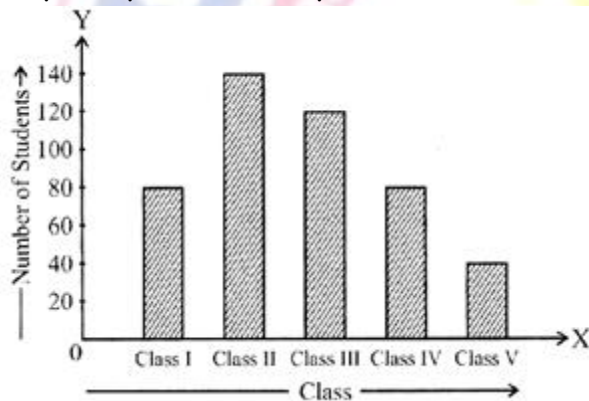


Study the bar graph and answer the following questions:

How many more students of class II than that of class V were participated in the competition?

- A) 60
- B) 80
- C) 100
- D) 120
- E) None of these

25. Direction: Following bar graph represents the number of students of different classes who participated in a competition.

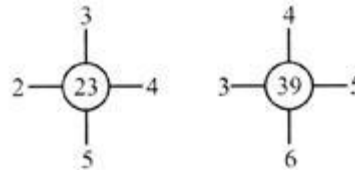


Study the bar graph and answer the following questions:

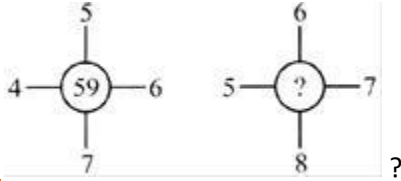
Equal number of students who participated in the competition belong to:

- A) Class III and Class I
- B) Class I and Class V
- C) Class IV and Class V
- D) Class II and Class III
- E) None of these

INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

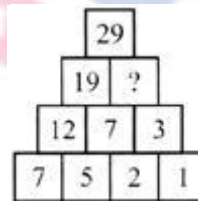


26. Which number will replace the question mark (?)



- A) 87
- B) 73
- C) 83
- D) 79
- E) 81

27. Find the missing number in the given number pattern.

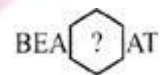


- A) 20
- B) 10
- C) 15
- D) 14
- E) None of these

28. If H = 8, HE = 13 and HEAD = 18, then HAND ___?

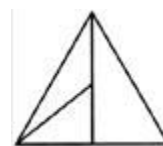
- A) 27
- B) 31
- C) 23
- D) 24
- E) None of these

29. Find the letter which will end the first word and start the second word.



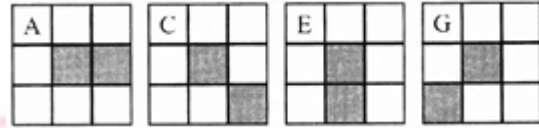
- A) C
- B) R
- C) Y
- D) S
- E) J

30. How many triangles are there in the given figure?

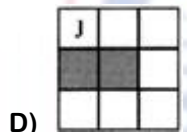
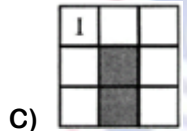
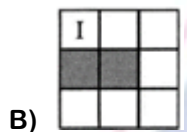
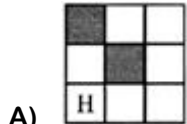


INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

- A) 3
- B) 4
- C) 6
- D) 5
- E) None of these

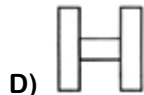
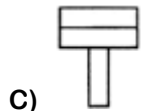


31. What comes next in the given figure pattern?



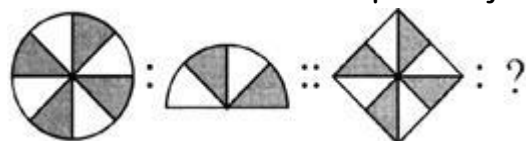
E) None of these

32. Which of the following does not have a line of symmetry?







E) None of these

33. Pair of figures on the either side of :: has a certain relationship. Identify the relationship








and choose the missing figure.



INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

- A) 
- B) 
- C) 
- D) 
- E) None of these

34. Select the odd one out



- A) 
- B) 
- C) 
- D) 
- E) 

35. Mirror image of the given figure is:


- A) 
- B) 



INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

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

36. Each item stands for a different value.

The sum of values of each row and column is given. What is the value of ?

			₹ 7.50
			₹ 3.50
			₹ 5.50
₹ 6.50	₹ 4.50	₹ 5.50	

- A) Rs. 3.50
 B) Rs. 2.50
 C) Rs. 4.50
 D) Rs. 1.50
 E) None of these

37. Find the sum of all four missing digits in the given addition.

- A) 24
 B) 21
 C) 22
 D) 29
 E) None of these

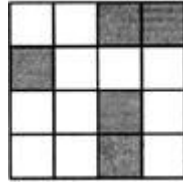
	1	5	3	?	8
+	2	?	8	3	1
	?	3	?	2	9

38. When 42.42 is divided by the sum of 17 tenths and 130 hundredths, the result will be:

- A) 10.605
 B) 14.14
 C) 21.21
 D) 16.968
 E) None of these

INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

39. Minimum how many unit squares must be shaded so that the given figure has atleast one



line of symmetry?

- A) 0
- B) 1
- C) 2
- D) 3
- E) 4

40. In the given figure, triangle ABC is an equilateral triangle. Find the perimeter of whole

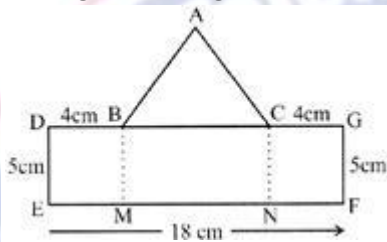


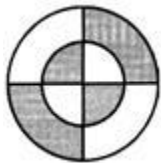
figure.

- A) 66 cm
- B) 62 cm
- C) 76 cm
- D) 56 cm
- E) None of these

41. If $\bullet + \blacktriangle + \blacksquare = 78$, $\blacktriangle + \blacksquare = \bullet + \bullet$ and $\bullet = \blacktriangle + \blacktriangle$, then the value of \blacktriangle

- A) 11
- B) 13
- C) 17
- D) 9
- E) None of these

42. Decimal number for the fraction represented by the shaded parts in the given figure is:



- A) 0.2
- B) 0.3
- C) 0.5
- D) 0.75
- E) None of these

43. Mohit made an input-output table as shown below:

Input 1	Input 2	Output
---------	---------	--------

INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

40 5 8
16 8 2
36 12 3
24 6 4
42 ? 6

Apply the rule and find the missing number in input 2.

- A) 6
- B) 8
- C) 9
- D) 7
- E) None of these

44. Which of the following statements is incorrect for the Roman numerals?

- A) $C + D + M = 1600$
- B) Five times of C = Ten times of L
- C) $V + L + D = 1555$
- D) $L + L + L = CL$
- E) None of these

45. Difference of adjacent sides of the given rectangle ABCD is 4 cm. If the perimeter of rectangle is 36 cm, then its area will be:

- A) 72cm^2
- B) 77cm^2
- C) 140cm^2
- D) 320cm^2
- E) None of these

