

# INTERNATIONAL TALENT SEARCH EXAMINATION 2024 - 2025

## CLASS - II SUBJECT - MATHEMATICS

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1. Identify the number which is not prime.

- A) 3
- B) 67
- C) 87
- D) 79
- E) None of these

2. How many odd numbers are there in between 1 and 10?

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

3. Identify the smallest composite number.

- A) 2
- B) 5
- C) 4
- D) 7
- E) None of these

4. Identify the successor of the number N.

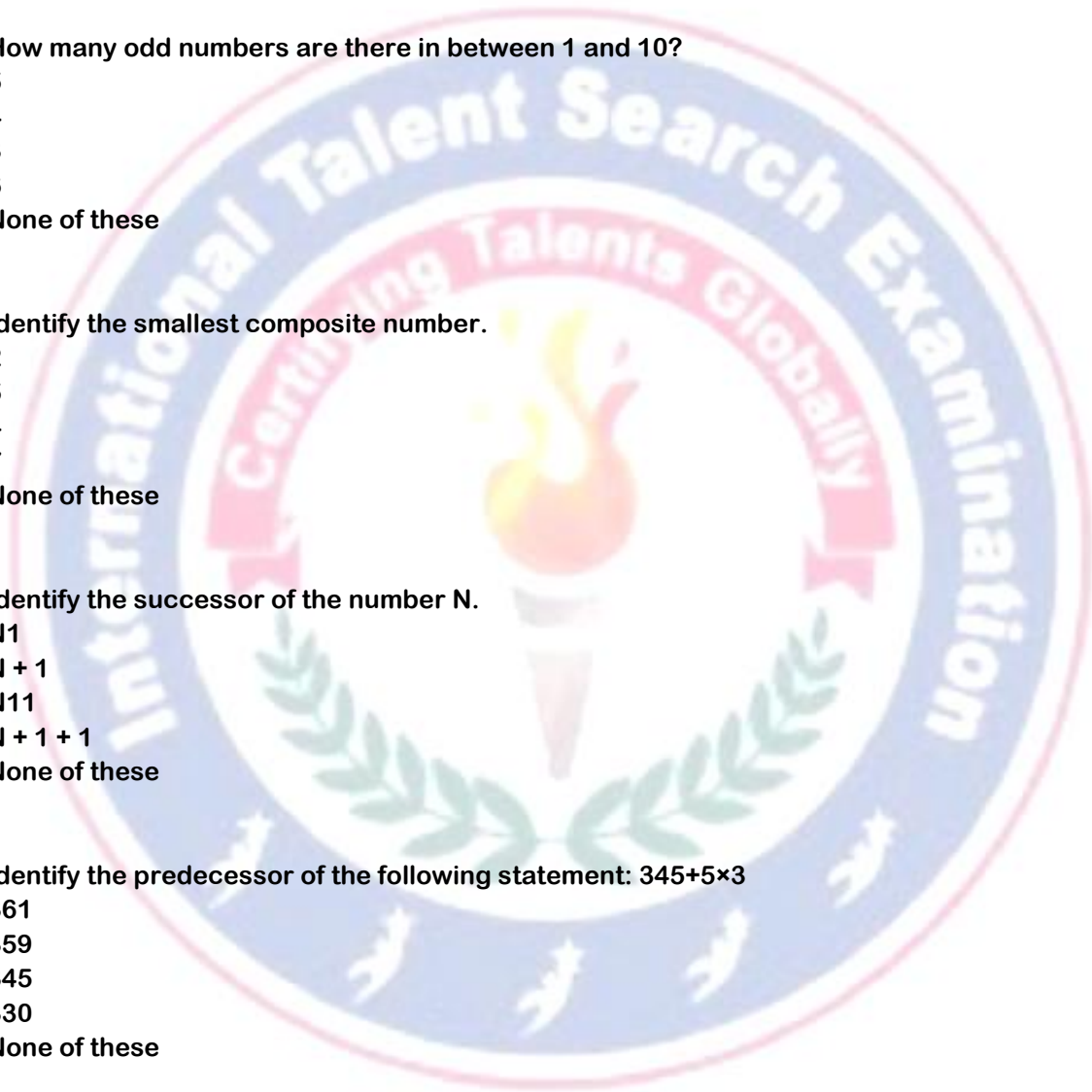
- A) N1
- B) N + 1
- C) N11
- D) N + 1 + 1
- E) None of these

5. Identify the predecessor of the following statement:  $345+5\times 3$

- A) 361
- B) 359
- C) 345
- D) 330
- E) None of these

6. Add the  $6523 + 2364$ . Which one of the following number is in the hundredth place of the resulting addition?

- A) 6
- B) 8
- C) 7
- D) 5
- E) None of these



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7. According to the commutative property of addition, which one of the following option is correct?
- A)  $23 + 67 = 25 + 50$
  - B)  $45 + 43 = 36 + 32$
  - C)  $18 + 29 = 29 + 18$
  - D) All of these
  - E) None of these
8. Which of the following has 12 edges?
- A) Cube
  - B) Cuboid
  - C) Triangle
  - D) Both A and B
  - E) None of these
9. What should be subtracted from 5L 600 ml to get 3L 700 ml?
- A) 1L 900 ml
  - B) 9L 300ml
  - C) 3L 500 ml
  - D) All of these
  - E) None of these
10. What is the product of the decimal number 4.54 and 5.67?
- A) 257418
  - B) 25.7418
  - C) 257.41
  - D) 2.57418
  - E) None of these
11. In a birthday party, there are 30 chairs in each row. If the number of rows is 30, then how many number of chairs are there in all?
- A) 1200
  - B) 9000
  - C) 900
  - D) 12000
  - E) None of these
12. A car travels a distance of 60 km in 1 hour. How many kilometres will it cover in 12 days, if it runs 3 hours per day?
- A) 2100 km
  - B) 2160 km
  - C) 720 km
  - D) 180 km
  - E) None of these
13. Fill in the gap with suitable options given below for the following expression.  $0 \times 34 = 100 \times [?]$

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- A) 34
- B) 100
- C) 0
- D) 3400
- E) None of these

14. Identify the inverse process of division of the following options.

- A) Addition
- B) Subtraction
- C) Multiplication
- D) Both A and B
- E) None of these

15. Manu divided  $x$  by  $y$ , that can be represented by which of the following options?

- A)  $y/x$
- B)  $x/y$
- C)  $x \div y$
- D) Both (b) and (c)
- E) None of these

16. The cost of 10L of oil is Rs. 120. What will be the cost of 10 ml of oil?

- A) Rs. 0.12
- B) Rs. 1.75
- C) Rs. 1.85
- D) All of these
- E) None of these

17. There are 859 girls in a play school. How many groups will be formed if there are 7 girls in each group?

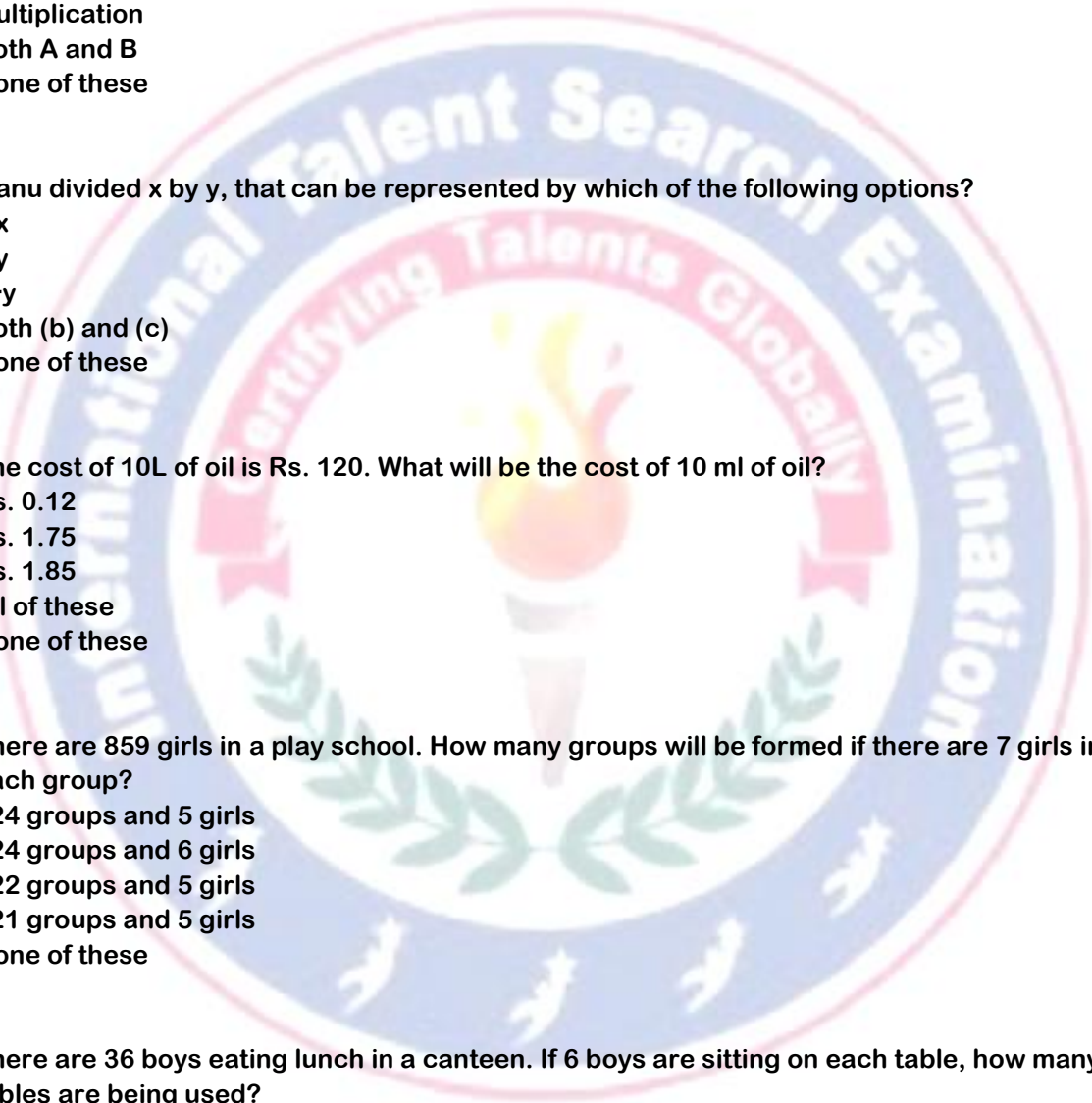
- A) 124 groups and 5 girls
- B) 124 groups and 6 girls
- C) 122 groups and 5 girls
- D) 121 groups and 5 girls
- E) None of these

18. There are 36 boys eating lunch in a canteen. If 6 boys are sitting on each table, how many tables are being used?

- A) 9
- B) 6
- C) 3
- D) 1
- E) None of these

19. How many times 7 can be taken away from 6475?

- A) 549
- B) 525



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- C) 925
- D) 1252
- E) None of these

20. There are 6 trays of eggs and each tray contains 10 eggs. How many trays are required if 20 eggs are arranged in each tray?

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

21. In the figure given below find the shaded parts of the whole figure.



- A)  $\frac{7}{3}$
- B)  $\frac{3}{7}$
- C)  $\frac{3}{4}$
- D)  $\frac{4}{3}$
- E) None of these

22. Identify the  $\frac{3}{4}$  part of 100.

- A) 25
- B) 50
- C) 75
- D) 100
- E) None of these

23. The figure given below is made by cutting a plane paper. The unshaded part of the figure is:



- A)  $\frac{5}{4}$
- B)  $\frac{3}{4}$
- C)  $\frac{5}{3}$
- D)  $\frac{4}{3}$
- E) None of these

24. Identify the unshaded part of the wall if  $\frac{3}{4}$  part is painted.

- A)  $4 + \frac{3}{4}$
- B)  $4 - \frac{3}{4}$
- C)  $3 - \frac{4}{4}$
- D) Both A and C
- E) None of these

25. Identify the pair of months which have 31 days and come between the months with 30 days.

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- A) October, December
- B) March, May
- C) May, October
- D) March, January
- E) None of these

26. Simplify:  $152/8 \times 5 + 27 - 12$

- A) 181
- B) 187
- C) 110
- D) 120
- E) None of these

27. A test paper of English has been started at 10 : 55 am. Find at what time it will end if maximum time for the test is 45 minutes.

- A) 11 : 55 am
- B) 11 : 30 am
- C) 11 : 40 am
- D) 9 : 40 am
- E) None of these

28. Fill in the blank with an appropriate number from the options given below.

$$24 + (34 - 10) - 3 = (5 + 6)8 - 43 + [?]$$

- A) 8
- B) 0
- C) 2
- D) 5
- E) None of these

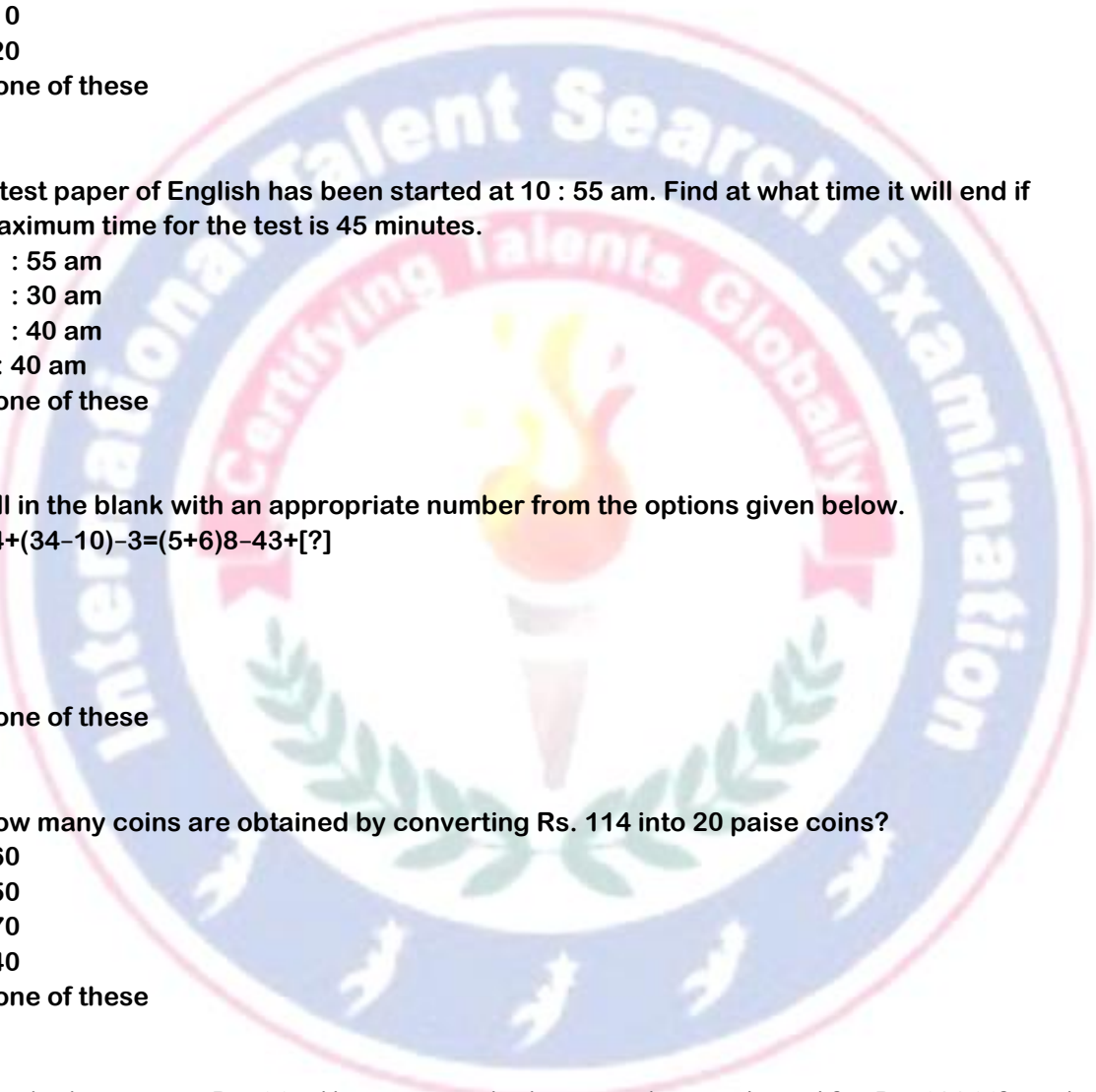
29. How many coins are obtained by converting Rs. 114 into 20 paise coins?

- A) 560
- B) 550
- C) 570
- D) 540
- E) None of these

30. A calculator costs Rs. 145. How many calculator can be purchased for Rs. 1234 if one book is also purchased for Rs. 74 along with?

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

31. Ram cuts 8 stems of tree of similar thickness in 18 hours. How many stems of same thickness will be cut by him in 9 hours?



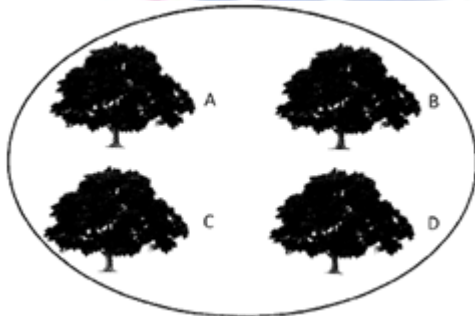
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- A) 8
- B) 6
- C) 4
- D) 2
- E) None of these

32. How many chairs can be bought for Rs. 4400 if the cost of 4 chair is Rs. 2200?

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

33. How many trees are there in the figure given below if the scale is 1 tree = 12?



- A) 12
- B) 36
- C) 48
- D) All of these
- E) None of these

34. How many seconds are there when a clock strikes the time 2 : 13 AM?

- A) 10520 seconds
- B) 7980 seconds
- C) 18132 seconds
- D) 7890 seconds
- E) None of these

35. Look at the given series and fill in the blank with suitable number. 53, 40, 27, [?]



- A) 27
- B) 14
- C) 12
- D) 18
- E) None of these

36. Length of a stick is 0.20 km. To measure a distance of 1km how many times the stick has to be used?

- A) 3
- B) 5

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- C) 2
- D) 4
- E) None of these

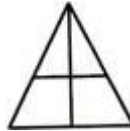
37. If  represents 8 bells, then  will represent:

- A) 8
- B) 16
- C) 24
- D) 32
- E) None of these

38. Look at the series: 2, 1,  $\frac{1}{2}$ ,  $\frac{1}{4}$  what number should come next?

- A)  $\frac{2}{8}$
- B)  $\frac{1}{3}$
- C)  $\frac{1}{8}$
- D)  $\frac{1}{16}$
- E) None of these

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



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

40. Complete the following series of English alphabet. A, F, K, P [ ]

- A) V
- B) W
- C) U
- D) T
- E) None of these

41. Which one of the following is true?

- A)  $[1+0=10]$
- B)  $[1-0=9]$
- C)  $[1 \times 1=11]$
- D)  $[1 \div 1=1]$
- E) None of these

42. Which one of the following numbers should be subtracted from [67] to get [37]?

- A) [30]
- B) [37]
- C) [31]
- D) [27]

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E) None of these

43. Find the missing number.

A) [9]

B) [12]

C) [15]

D) [13]

E) None of these

44. Which of the following items is heaviest in all?

A) 50 g of cotton

B) 100 g of wood

C) 500 g of cotton

D) 1 kg of wood

E) None of these

45. Which of the following is the 5th part of a line segment of length 25cm?

A) [20] cm

B) [10] cm

C) [5] cm

D) [125] cm

E) None of these

46. [48] has [8] ones and \_\_\_\_ tens.

A) [8]

B) [4]

C) [12]

D) [2]

E) None of these

