LOGICAL REASONING

1. Which of the following is the correct way of counting the number of egg plants?
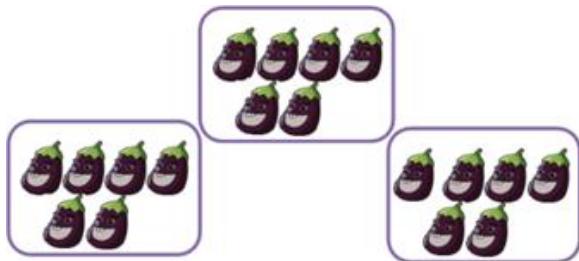
a) 6 ×6   b) 6 + 3   c) 6 × 3   d) None of these

2. Kate saw 2 ducks in the park. How many legs did she see?

a) 2   b) 1   c) 6   d) None

3. What is the length of the pencil in cm?

a) 10   b) 15   c) 12   d) 3

4. Find the matching pair:
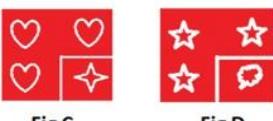
Fig A   Fig B   Fig C   Fig D

5. Choose the correct option to complete the pattern:

a)   b)   c)   d)
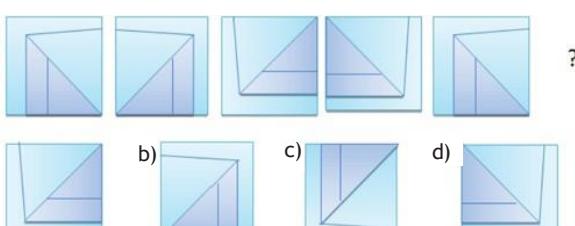
6. A magician wrote a number on a paper: "Fifty-six." He then erased one digit, and now it shows Fifty What is the missing digit?

   a) 8   b) 9   c) 6   d) 5

7. Which of the following numbers has the longest spelling?

   a) 18   b) 30   c) 44   d) 100

8. A robot can only read numbers in words. It understands "Seventy-two" but not "72." Which number will the robot read next in the sequence?

   a) Seventy-four   b) Seventy- three
   c) Seventy-one   d) Sixty-nine

9. Arrange the following number names in alphabetical order:
   Ninety, Forty, Sixty, Eighty

   a) Forty, Eighty, Sixty, Ninety   b) Eighty, Forty, Sixty, Ninety
   c) Eighty, Forty, Ninety, Sixty   d) Forty, Sixty, Eighty, Ninety

10. A parrot repeats every number name but makes a mistake in one of them. Find the mistake:
    Twenty-five, Thirty-two, Forty-seven, Sixty-one, Seventy-fifty

    a) Thirty-two   b) Forty-seven
    c) Sixty-one   d) Seventy-fifty

11. In the number 84, if number is swapped what is the place value of 4?

    a) thousands   b) hundreds
    c) tens   d) ones

12. In the number 63, what is the place value of 3?

    a) 3   b) 30   c) 300   d) 60

13. Which number has 4 in the tens place and 2 in the ones place?

    a) 42   b) 2   c) 44   d) 20

14. Identify the correct expanded form of 78:

    a) 70 + 8   b) 7 + 80
    c) 700 + 8   d) 70 + 80

15. Which number is formed by 5 tens and 9 ones?

    a) 95   b) 59   c) 509   d) 50

16. If 42 is written as 4T+ 2O, how will you write 76?

    a) 7T+ 6O   b) 70 + 6
    c) 76T+ 0O   d) 60 + 7

17. What is the predecessor of the smallest 2- digit number?

    a) 0   b) 9   c) 10   d) 11

18. If 60 is the predecessor of a number, what is the number?

    a) 61   b) 62   c) 59   d) 58

19. A calendar shows March 31st. What is the successor date?

    a) March 30   b) April 1
    c) March 31   d) April 2

20. A book has 100 pages. What will be the predecessor of the last page?

    a) 101   b) 98   c) 100   d) 99

21. If predecessor of a number is 99, then what is the number?

    a) 9   b) 100   c) 101   d) 99

22. A caterpillar is 16 cm long. It grows 5 cm longer every day. How long will it be after 3 days?

    a) 21 cm   b) 31 cm   c) 25 cm   d) 30 cm

23. A bakery sells cupcakes in boxes. Each box has 10 cupcakes. If you buy 7 boxes, how many cupcakes will you get?

    a) 70   b) 77   c) 17   d) 10

24. A watermelon weighs 25 kg. A banana weighs 10 kg less than the watermelon. How much does the banana weigh?

    a) 15 kg   b) 10 kg   c) 35 kg   d) 20 kg

25. Find the missing number: $18 + \underline{\quad} = 25$

    a) 6   b) 7   c) 8   d) 9

26. If a bird flies 2 more miles after flying 18 miles, how far did it fly in total?

    a) 18   b) 19   c) 20   d) 21

27. A magician wrote a number in expanded form as $50 + 6$. What is the hidden number?

    a) 65   b) 56   c) 45   d) 66

28. Which of the following is the expanded form of the biggest two-digit number?

    a) $90 + 8$ b) $90 + 9$
    c) $80 + 9$ d) $100 + 0$

29. Riya wrote a number as $40 + 2$ but her friend said she wrote it wrong. What should she have written if her number was 24?

    a) $20 + 4$ b) $40 + 2$
    c) $2 + 40$ d) $4 + 20$

30. The number 55 is split into two parts: one part is 50. What is the other part?

    a) 5   b) 55   c) 50   d) 0

31. I am a two-digit number. My tens place is 6, and my ones place is 2. What is my expanded form?

    a) $62 + 0$ b) $6 + 2$
    c) $60 + 2$ d) $2 + 60$

32. A cat climbed a tree to different heights in meters: 15, 9, 18, 12. What is the order from highest to lowest?

    a) 9, 12, 15, 18   b) 15, 18, 9, 12
    c) 18, 15, 12, 9   d) 12, 18, 15, 9

33. Which number comes first in descending order? 33, 59, 42, 76

    a) 33   b) 59   c) 76   d) 42

34. Which of the following numbers is in ascending order?

    a) 72, 65, 89, 54   b) 54, 65, 72, 89
    c) 89, 72, 65, 54   d) 65, 72, 89, 54

35. Which of these numbers is in correct ascending order?

    a) 40, 45, 30, 50   b) 30, 40, 45, 50
    c) 50, 45, 40, 30   d) 45, 50, 30, 40

36. Look at the clock below. What time does it show?

    a) 3:00   b) 3:30   c) 4:00   d) 4:30

37. Identify the time in words:

    a) Quarter past 7   b) Quarter to 8
   c) Half past 7   d) 8 o'clock

38. Match the activity with the correct time:

    a) Waking up - 1 PM, Lunch - 9 PM, Sleeping - 7 AM
    b) Waking up - 7 AM, Lunch - 1 PM, Sleeping - 9 PM
    c) Waking up - 9 PM, Lunch - 7 AM, Sleeping - 1 PM
    d) Waking up - 1 PM, Lunch - 7 AM, Sleeping - 9 PM

39. How long did Clara take to complete her homework?

Started doing homework   Completed doing homework
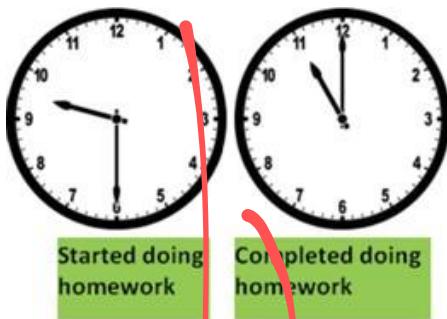
    a) 1 hour 15 minutes   b) 2 hours

    c) 1 hour 45 minutes   d) 1 hour 30 minutes

40. Which set of coins makes 10 rupees?

    a) 2 + 2 + 2

    b) 5 + 5

    c) 1 + 1 + 5 + 2

    d) 5 + 2 + 2

41. If you buy a toy for ₹20 and you give ₹50 to the shopkeeper, how much will you get back?

   a) ₹10   b) ₹20   c) ₹30   d) ₹40

42. How many days are there in the shortest month of the year?

   a) 28 or 29   b) 30   c) 31   d) 27

43. Which month comes between July and September?

   a) June   b) October

   c) August   d) December

44. If today is Tuesday, what day will it be after 3 days?

   a) Friday   b) Saturday

   c) Monday   d) Thursday

45. In the number 526, what is the sum of the digit in the tens place and the digit in the ones place?

   a) 6   b) 8   c) 7   d) 9

46. If the successor of a number is 49, what is the predecessor of the same number?

   a) 48   b) 50   c) 51   d) 47

47. Which of the following represents 470 correctly in expanded form?

   a) 400 + 70 + 0   b) 400 + 7
   c) 400 + 7 + 0   d) 400 + 0 + 7

48. If the successor of a number is 52, what is the predecessor of the same number?

   a) 48   b) 50   c) 51   d) 47

49. Which of the following represents 407 correctly in expanded form?

   a) 400 + 70 + 0   b) 400 + 7
   c) 400 + 7 + 0   d) 400 + 0 + 7

50. A train left the station at 8:15 AM and took 45 minutes to reach its next stop. What time did it arrive?

   a) 9:00 AM   b) 9:15 AM
   c) 8:45 AM   d) 9:30 AM

Answer Key

1.d	2.d	3.b	4.d	5.b	6.c	7.c	8.b	9.c	10.d
11.c	12.a	13.a	14.a	15.b	16.a	17.b	18.a	19.b	20.d
21.b	22.b	23.a	24.a	25.b	26.c	27.b	28.b	29.a	30.a
31.c	32.c	33.c	34.b	35.b	36.b	37.b	38.b	39.d	40.b
41.c	42.a	43.c	44.a	45.b	46.d	47.a	48.b	49.d	50.a