REASONING & APTITUDE

Grade 4

National **L**evel **E**xamination

NLE 2025

Subject Code: | 7 | 0 | 1 |

Total Questions: 30   **Total Marks:** 30   **Time:** 1 hour

DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED TO DO SO

➢ All questions are compulsory.

➢ Read the instructions on the **ANSWER SHEET** and fill in your **NAME**, **CLASS** and **OTHER INFORMATION**.

➢ To mark your choice of answer by darkening the circles in the **ANSWER SHEET**, use an **HB PENCIL** only.

➢ You **MUST** record your answers on the **ANSWER SHEET** only.

➢ There are **30 MULTIPLE CHOICE QUESTIONS**. Use the information provided to choose the **BEST** possible answer among the four options. On your **ANSWER SHEET** fill in the circle that matches your answer.

➢ $\frac{1}{2}$ **MARK** will be deducted for every **WRONG ANSWER**.

➢ Return the **ANSWER SHEET** to the invigilator at the end of the examination.

➢ You are **NOT** allowed to use a calculator. You may use a ruler and spare paper for rough work.

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This question paper contains a total of 30 questions divided into three sections—A, B and C. Read the instructions carefully before attempting these questions.

Section A (Logical Reasoning)

1. The following table shows the codes for some letters. Based on this, find out the code for the word 'MARS.'

Letters	L	P	A	M	E	R	S	T	O
Codes	@	©	$	#	%	&	€	=	+

(A) # $ € &   (B) # $ & @

(C) # $ % €   (D) # $ & €

2. If ABC = 6, CG = 10, and BJ = 12, then AGH = ?

(A) 12   (B) 16

(C) 18   (D) 22

3. Find the missing number

```
1   2   3   =   6
2   3   5   =   30
1   3   7   =   21
2   4   5   =   ?
```

(A) 40   (B) 11

(C) 42   (D) 30

4. If is called ; is called ; is called and is called , then _____ is the king of the jungle.

(A)   (B)

(C)   (D)

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5. If the 2nd day of a month is a Monday, then the 3rd Sunday of that month is on which date?

   (A) 14th   (B) 15th

   (C) 16th   (D) 17th

6. Arrange the following words according to the English dictionary.

   1. Cloud   2. Double   3. Bear   4. Dear

   (A) 3142   (B) 3124

   (C) 3214   (D) 1234

7. In a certain language, the word KING is coded as GNIK, then the code for the word LION in the same language is

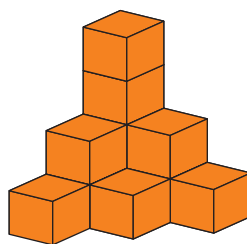   (A) NOLI   (B) NOIL

   (C) OILN   (D) IONL

8. Find the total number of cubes in the given diagram.

   (A) 6   (B) 11

   (C) 9   (D) 10

9. Find the missing number.

1	4	5	7
1	16	25	?

   (A) 14   (B) 36

   (C) 49   (D) 35

10. If X = 1 + 3 + 5 + 7 +…+ 49 = 625, and Y = 3 + 5 + 7 + 9 +…+ 51, then the value of Y is

   (A) 680   (B) 675

   (C) 670   (D) 684

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11. Observe the pattern and find the missing number.

7, 13, ?, 49, 97, 193

(A) 20   (B) 25
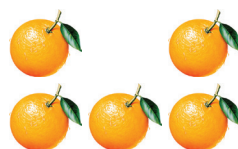
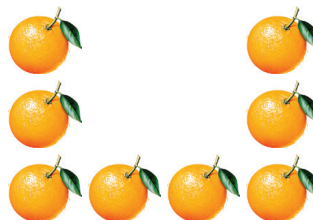(C) 27   (D) 29

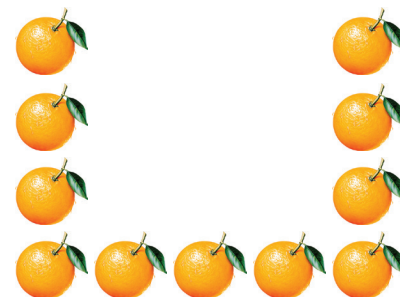12. The number of oranges required for pattern 8 is

Pattern 1   Pattern 2   Pattern 3

(A) 26   (B) 28

(C) 23   (D) 31

13. Choose the option which is the water image of the given figure.

(A)   (B)

(C)   (D)

14. Find the option that would replace the question mark (?) to establish the analogy.

Bhopal : Madhya Pradesh : : Panaji : ?

(A) Sikkim   (B) Meghalaya

(C) Kerala   (D) Goa

15. Which of the following sets of letters can be rearranged to form the word 'NOTHING'?
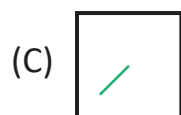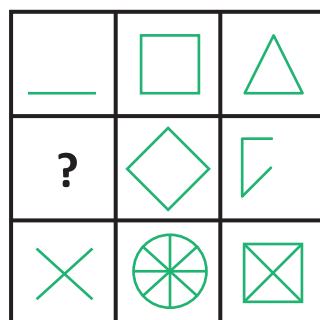
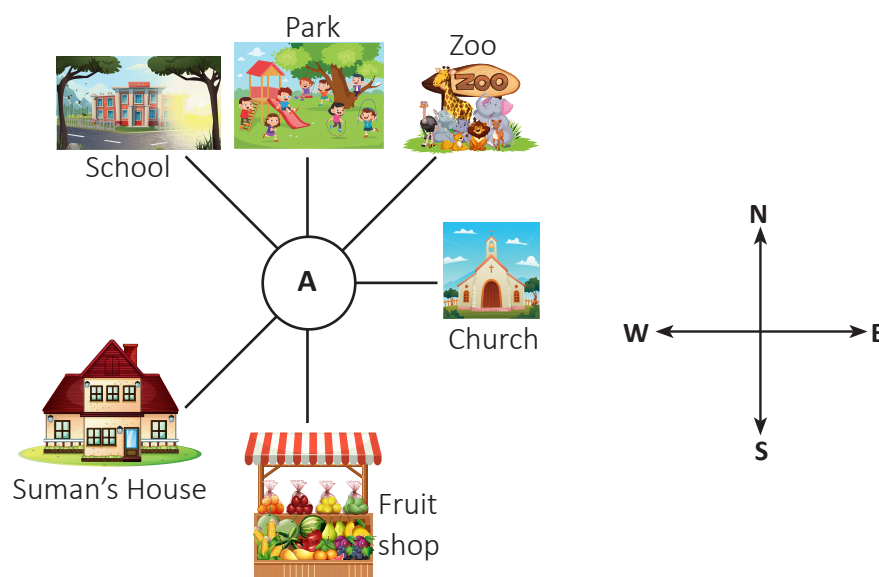(A) GOINGTH   (B) OHNGITH

(C) NGHOINT   (D) TNGIOHT

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16. Select the figure that replaces the question mark '?' to complete the pattern in the given figure matrix.

(A)

(B)

(C)

(D)

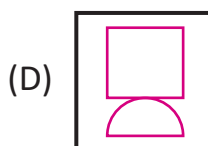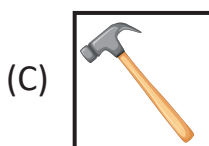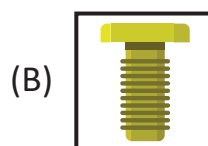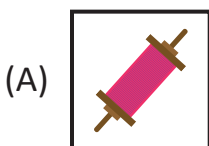17. Observe the following figure to answer the question given below it.

Suman was initially standing at point A facing towards the park. She started walking towards the park. After reaching the park, she turned towards her right and started walking towards the zoo. From the zoo, she turned right again and started walking ahead. In which direction is she moving now?
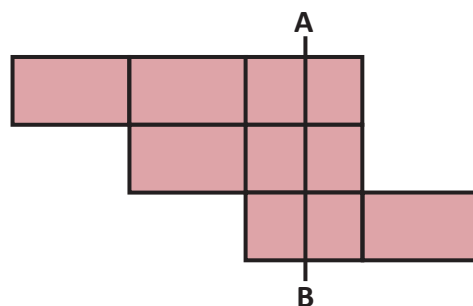
(A) East

(B) South

(C) North

(D) South-East

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18. Find the option that would replace the question mark (?) in order to establish the analogy.

(A)

(B)

(C)

(D)

19. What is the minimum number of rectangles that must be added so that AB becomes a line of symmetry?

(A) 5   (B) 6

(C) 3   (D) 4

20. Select the option which is different from the other three.
    (A) Petrol   (B) Coal
    (C) Air   (D) Natural Gas

Section B (Quantitative Aptitude)

21. A carpenter needs to divide a 5 m long wooden plank into five equal 1 m pieces. It takes him 5 minutes to cut one piece. How much time will it take for him to cut all five pieces?
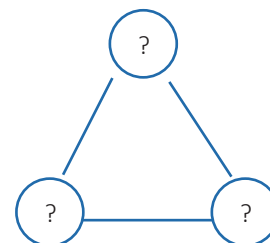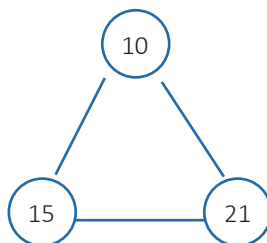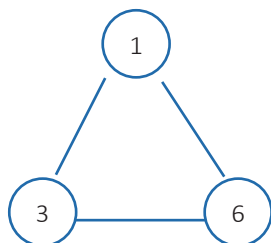   (A) 25 minutes
    (B) 20 minutes
    (C) 16 minutes
    (D) 30 minutes

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\ 27-Jan-2025   Bharat Arora   **Proof-3**   Reader's Sign _____   Date _____

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22. Find the missing numbers.

(A) 21, 36, 45

(B) 28, 36, 45

(C) 36, 45, 56

(D) 21, 28, 35

23. Find the next number in the series.

    3, 3, 6, 18, 72, ?

(A) 280

(B) 320

(C) 360

(D) None of these

24. I am a 3-digit even number. All my digits are the same. I am less than 600 and greater than 300. Who am I?

(A) 336

(B) 500

(C) 444

(D) 555

25. 16 ounces = 2 cups = 1 pint, 2 pints = 1 quart, and 4 quarts = 1 gallon.

The capacity of a pot is 1 quart and the volume of a can of soup is 8 ounces. How many cans of soup can the pot hold?

(A) 4

(B) 2

(C) 6

(D) 8

Section C (Competency Enhancement)

26. A circle and a triangle intersect at N points. The maximum value of N is

(A) 3

(B) 4

(C) 5

(D) 6

27. Vijay jogged 3 rounds around a square field. If the total distance covered was 2 km 700 m, find the length (in metres) of one side of the square field.

(A) 200 m

(B) 300 m

(C) 350 m

(D) 225 m

28. 4 Pizzas of equal sizes were cut as follows: pizza 1 was cut into 10 identical pieces, pizza 2 was cut into 12 identical pieces, pizza 3 was cut into 8 identical pieces while pizza 4 was cut into 6 identical pieces. From which pizza should you eat so that you get the largest piece?

   (A) Pizza 1   (B) Pizza 2

   (C) Pizza 3   (D) Pizza 4

29. If AB × 7 = AC5, where A, B and C are non-zero digits, then find the value of B

   (A) 1   (B) 3

   (C) 5   (D) 9

30. Ten boys are standing in a row. If girls are positioned in such a manner that there is one boy on each side of every girl, how many girls can fit in this row?

   (A) 11   (B) 5

   (C) 9   (D) 10