



MATHEMATICS

Grade 1

National Level Examination

NLE 2024

Subject Code:

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Total Questions: 30

Time: 1 hour

DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED TO DO SO

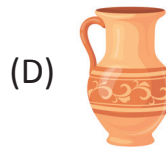
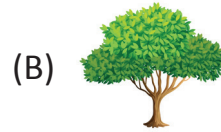
- All questions are compulsory.
- Read the instructions on the **ANSWER SHEET** and fill in your **NAME, CLASS** and **OTHER INFORMATION**.
- To mark your choice of answer by darkening the circles in the **ANSWER SHEET**, use an **HB PENCIL** only.
- You **MUST** record your answers on the **ANSWER SHEET** 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.



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 object you can put on the table is _____.



2. As 'Steering' is related to 'Car', similarly 'Handle' is related to _____.

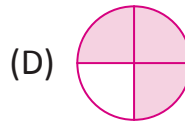
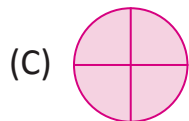
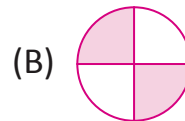
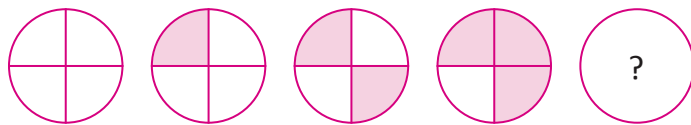
(A) Bus

(B) Bicycle

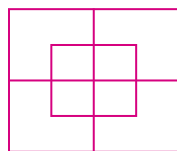
(C) Tractor

(D) Truck

3. What will come next?



4. How many squares are there in the given figure?



(A) 10

(B) 8

(C) 4

(D) 9

5. Which of the following can correctly replace the question mark in the given series?



(A) DF

(B) DE

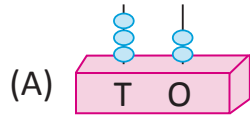
(C) DC

(D) CE



Section B (Subject Specific)

6. Which of the following makes 35?



(B) 3 less than 36

(C) 4 more than 31

(D) 5 tens 3 ones

7. Which toy is the lightest?



(D) Both A and B

8. Which day comes after Friday?

(A) Saturday

(B) Monday

(C) Wednesday

(D) Sunday

9. Who is holding the smallest number?



(A) Geeta

(B) Mini

(C) Ruhi

(D) Bulbul

10. What is the value of A?

$$250 + 200 - 150 = A$$

(A) 200

(B) 300

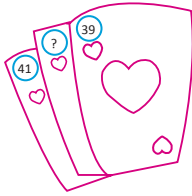
(C) 150

(D) 100





11. What will come in between 39 and 41?



- (A) 40 (B) 43
(C) 38 (D) 42

12. Write the multiplication statement for the following:

$$15 + 15 + 15 + 15 = \boxed{} \times \boxed{} = \boxed{}$$

- (A) $30 \times 30 = 900$ (B) $15 \times 4 = 60$
(C) $15 \times 15 = 225$ (D) $45 \times 15 = 675$

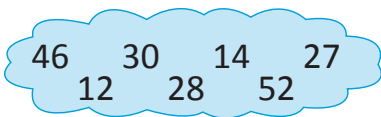
13. If I add a number to 20, I get 20, what number was added to me?

- (A) 1 (B) 20
(C) 0 (D) 5

14. 2 years mean _____ days.

- (A) 165 (B) 365
(C) 630 (D) 730

15. The difference between the greatest and the smallest number in the given collection is _____ .



- (A) 30 (B) 31
(C) 36 (D) 40

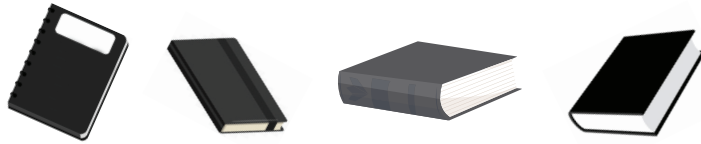
16. Arrange the given numbers in increasing order.

- (A) 331, 231, 129, 329 (B) 251, 165, 329, 100
(C) 631, 738, 838, 921 (D) 726, 326, 563, 312





17. At which position is the thickest book?



- (A) 1st (B) 2nd
(C) 3rd (D) 4th

18. Complete the following series:

33, 34, 35, _____, _____, _____

- (A) 34, 35, 36 (B) 36, 37, 38
(C) 24, 25, 26 (D) 29, 30, 31

19. What is the time shown by the given clock?

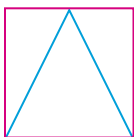


- (A) 3:30 (B) 4:30
(C) 10:30 (D) 11:30

20. Which of the following letters has no line of symmetry?

- (A) A (B) M
(C) T (D) Z

21. Which two shapes are present in the given figure?



- (A) Square and rectangle (B) Square and triangle
(C) Rectangle and circle (D) Triangle and circle

22. What will come next in the following series?

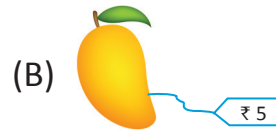
88888, 8888, 888, _____, _____

- (A) 888, 88 (B) 88,88
(C) 88, 8 (D) None of these





23. Nisha has a ten rupee note. Which of the following can she buy?



24. Which of the following represents the shape of the Sun?

(A) Sphere

(B) Cube

(C) Cone

(D) Cuboid

25. If $\uparrow = 3$, then what is $\uparrow\uparrow\uparrow\uparrow$?

(A) 3

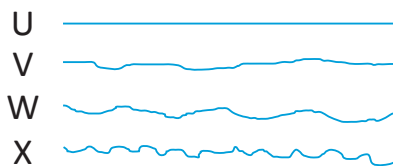
(B) 4

(C) 7

(D) 12

Section C (Competency Enhancement)

26. Look at the following ropes and answer the question given below:



Rope _____ is the shortest and Rope _____ is the longest respectively.

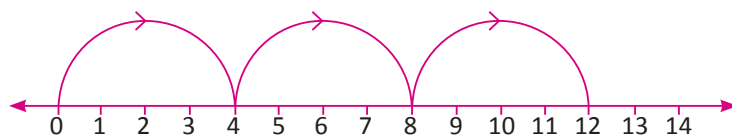
(A) U, X

(B) X, U

(C) W, X

(D) U, W

27. The given number line shows _____.



(A) Counting by 2's

(B) Counting by 4's

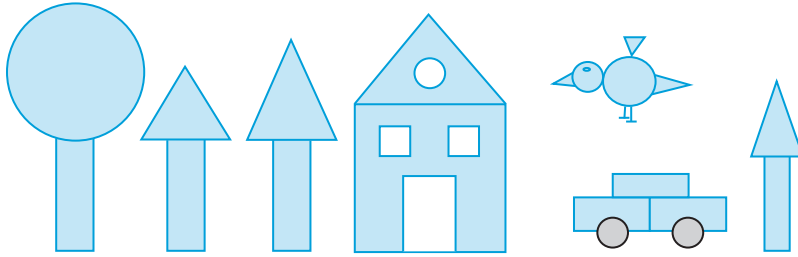
(C) Counting by 3's

(D) Counting by 1's





Look at the following pictures and answer the questions from 28 to 30:



28. How many total squares are there?
(A) 2 (B) 4
(C) 5 (D) 6
29. How many circles are there?
(A) 5 (B) 3
(C) 6 (D) 9
30. Which shape is used the most?
(A) Circle (B) Triangle
(C) Square (D) Rectangle





$\sqrt{a-\sqrt{b}}$ $V_n^k = \frac{n^1}{(n-k)^1}$ $N \frac{3}{8} = 0.375 = 37.5\%$ $\lim_{x \rightarrow \infty} f(x) = \pm \infty$ $\int \frac{1}{x} dx = 1 \ln|x| + c$ $T = 2\pi\sqrt{\frac{1}{g}}$ $f(x) = a(x+b) = -(ax-b)$

$a^3 + b^3 = (a+b)(a^2 - ab + b^2)$ $V_n^k = \frac{n^1}{(n-k)^1}$ $T = 2\pi\sqrt{\frac{1}{g}}$ $N \frac{3}{8} = 0.375 = 37.5\%$ $E = mc^2$ $\Delta 3 = \Delta mc^2$

$\sum \frac{(-1)^n x^{2n}}{(2n)}$ $E = mc^2$ $\int \frac{1}{x} dx = 1 \ln|x| + c$ $E = mc^2$ $T = 2\pi\sqrt{\frac{1}{g}}$ $\Delta 3 = \Delta mc^2$

$f(x) = a(x+b) = -(ax-b)$ $E = mc^2$ $\sum \frac{(-1)^n x^{2n}}{(2n)}$ $\frac{x}{a^2} + \frac{y}{b^2} - \frac{z}{c^2} = 1$ $\Delta 3 = \Delta mc^2$

$P = \frac{F}{S}$ $v(-2,0)$ $y = b \cdot x^n$ $T = 2\pi\sqrt{\frac{1}{g}}$ $\Delta 3 = \Delta mc^2$