Mindbenz Logical Reasoning Olympiad (MLRO)

Sample Paper
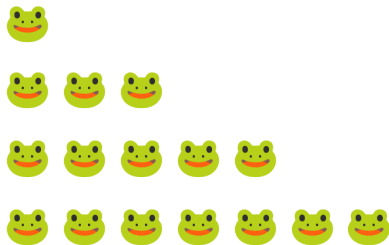
Grade- 3

Maximum Marks: 40   Time Allowed – 45 Minutes

Section: A Basic of Logic (10 Questions × 1 mark = 10 marks)

1. What is the rule for the pattern below?

🐸

🐸 🐸 🐸

🐸 🐸 🐸 🐸 🐸

🐸 🐸 🐸 🐸 🐸 🐸 🐸

(A) Increase by 2, then 3, then 4

(B) Multiply by 2 each time

(C) Increase number of frogs by 2 each time

(D) Add consecutive odd numbers

2. Ankit is 5th from the left and 6th from the right in a line. How many students are there in the line?

(A) 10

(B) 11

(C) 12

(D) 9

3. If 8th March 2025 is Saturday, what will be the day on 20th March 2025?

(A) Sunday

(B) Tuesday

(C) Thursday

(D) Friday

4. If STAR is coded as 58, MOON is coded as 57, then how is SUN coded?

(A) 61

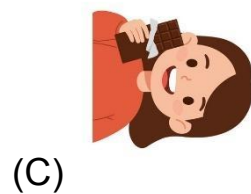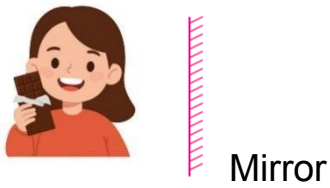(B) 65

(C) 54

(D) 60

5. How many edges does a cuboid have?

(A) 12

(B) 10

(C) 6

(D) 8

6. If A = 1, B = 2, ..., Z = 26, then what is the value of the word NOTE?

(A) 58

(B) 51

(C) 54
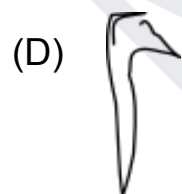
(D) 60

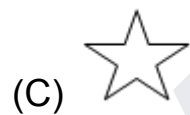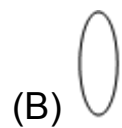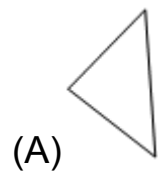7. Which is the mirror image of the given figure?

Mirror

(A)

(B)

(C)

(D)

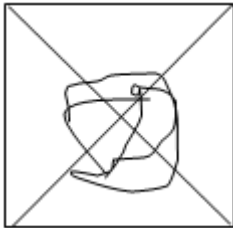8. If clock is related to time, then thermometer is related to?

(A) Weather

(B) Heat

(C) Temperature

(D) Degree

9. Which of the following groups has all items related to clothing?

(A) Shirt, Socks, Cap, Belt

(B) Hat, Gloves, Shoe, Apple

(C) Jacket, Scarf, Tie, Cup

(D) Shirt, Glasses, Pants, Pen

10. Find out the alternative figure which contains figure (X) as its part.

(A)

(B)

(C)

(D)

11. Which letter does not belong to the group?

A, E, I, O, M

(A) A

(B) E

(C) M

(D) I

12. How many different combinations of 1 triangle and 1 square can be made from the given shapes?

▲ ▲ ▲ ▲   ■ ■ ■

(A) 7

(B) 6

(C) 12

(D) 8

13. _____ groups of 4 pencils each can be made from the given pencils.

✏️✏️✏️✏️✏️✏️✏️✏️✏️✏️✏️✏️

(A) 2

(B) 3

(C) 4

(D) 5

14. If 'Book' is called 'Bag', 'Bag' is called 'Pen', and 'Pen' is called 'Notebook', then what do you write with?

(A) Notebook

(B) Book

(C) Bag

(D) Pen

15. What number should come next?

5, 10, 20, 40, ___, 160

(A) 90

(B) 60

(C) 100

(D) 80

16. Which of the following words **cannot** be formed from the letters of the word **GARDEN**?

(A) RANG

(B) READ

(C) DEARTH

(D) GEAR

17. Ritu is taller than Meena but shorter than Anu. Who is the shortest?
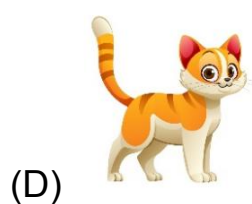
(A) Ritu

(B) Meena
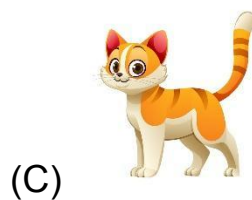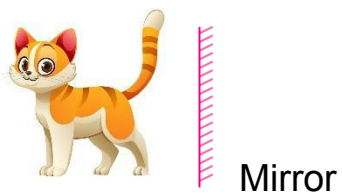
(C) Anu

(D) Cannot say

18. If 1st June is a Sunday, what day is 4th June?

(A) Tuesday

(B) Wednesday

(C) Thursday

(D) Friday

19. Which is the mirror image of the given figure?

Mirror

(A)

(B)

(C)

(D)

20. If **L: 12** then in the same way **U: ?**

(A) **17**

(B) **18**

(C) **21**

(D) **24**

21. How many triangles are there in the given image.
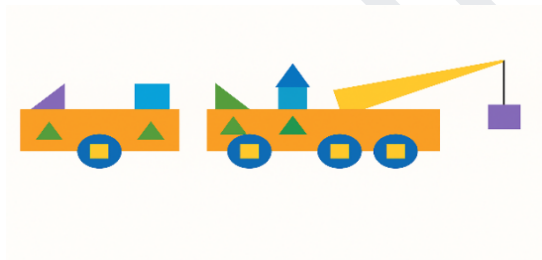
(A) 9

(B) 7

(C) 8

(D) 6

22. Find out the word which cannot be made from the letters of the given word.

KNIGHTHOOD

(A) GOOD

(B) HOOD

(C) THINK

(D) BRIGHT

23. There is a certain relationship between (i) and (ii). Similar relationship exists between (iii) and (iv). Identify the relationship and find the missing text.

(i) COMPUTER   (ii) RETUPMOC

(iii) KEYBOARD   (iv) ?

(A) DRAOBYEK

(B) YEKDRAOB

(C) DRAEYBOK

(D) DRAOYEKB

24. In a certain code '243' is written as PEN, '562' is written as TAP and '349' is written as NEW, then how will '965342' be written in the same code?

(A) WATNEP

(B) NEWTA P

(C) PENNEW

(D) TAPPEN

25. What is the number on the ball which is third on the right of the ball which is fourth from the left end?

Left: ● 3 ● 8 ● 5 ● 12 ● 9 ● 6 ● 10 ● 7

(A) 6

(B) 9

(C) 10

(D) 12

26. Aman goes to the gym every third day starting from Monday. If today is Monday, on which day will he go to the gym for the fifth time?

(A) Friday

(B) Saturday

(C) Sunday

(D) Monday

27. How many different combinations of 1 balloon and 1 gift box can be made from the given items?

🎈🎈🎈🎈🎈   📦📦📦📦

(A) 20

(B) 12

(C) 9

(D) 16

28. _____ groups of 5 apples can be made from the given apples.
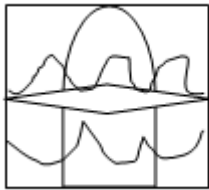
🍎🍎🍎🍎🍎 🍎🍎🍎🍎🍎 🍎🍎🍎🍎🍎 🍎🍎🍎🍎🍎

(A) 3

(B) 4

(C) 5

(D) 2

29. Find out the alternative figure which contains figure (X) as its part.

(A)

(B)

(C)

(D)

30. Which is the water image of the given figure?

(A)

(B)

(C)

(D)

<table>
<tr><td colspan="5" align="center">**Answer Key**</td></tr>
<tr><td>1. (C)</td><td>7. (D)</td><td>13. (B)</td><td>19. (D)</td><td>25. (C)</td></tr>
<tr><td>2. (A)</td><td>8. (C)</td><td>14. (A)</td><td>20. (C)</td><td>26. (B)</td></tr>
<tr><td>3. (C)</td><td>9. (A)</td><td>15. (D)</td><td>21. (C)</td><td>27. (A)</td></tr>
<tr><td>4. (C)</td><td>10. (A)</td><td>16. (C)</td><td>22. (D)</td><td>28. (B)</td></tr>
<tr><td>5. (A)</td><td>11. (C)</td><td>17. (B)</td><td>23. (A)</td><td>29. (C)</td></tr>
<tr><td>6. (C)</td><td>12. (C)</td><td>18. (B)</td><td>24. (A)</td><td>30. (A)</td></tr>
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