Mindbenz Logical Reasoning Olympiad (MLRO)

Sample Paper

Grade- 1

Maximum Marks: 40 Time Allowed – 45 Minutes

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

1. Pick the odd one out.

A. A

B. K

C. T

D. Z

2. Complete the pattern given below.

A. 25

B. 28

C. 30

D. 32

3. Select the odd one out.

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A.

B.

C.

D.

4. **How many groups of 2 teddy bears each can be formed from the given teddy bears?**

A. 3

B. 4

C. 5

D. 6

5. **How many complete groups of 4 toy ducks each can be made from the given toy ducks?**

A. 3

B. 4

C. 5

D. 6

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6. Select the odd one out.

A.

B.

C.

D.

7. **Which is the correct pattern?**

🌟 ⭐ 🌟 🌟 ⭐ 🌟 🌟 ⭐ ___

A. 🌟 🌟

B. ⭐ ⭐

C. 🌟 ⭐

D. 🌟 🌟 🌟

8. **Find the wrong pattern:**

🐟 🐟 🐠 🐟 🐟 🐠 🐟 🐟 🐠 🐟 🐟 🐟

A. 5th picture wrong

B. 6th picture wrong

C. 10th picture wrong

D. 12th picture wrong

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9. You have 18 crayons 🖍️. Group them in 6 crayons each. How many groups?

A. 2

B. 3

C. 6

D. 9

10. **Group the toys properly:**

If 1 🪀 + 3 🧸 = 1 group,
How many groups can be made?

A. 2

B. 3

C. 4

D. 5

Section: B Application Zone (10 Questions × 1 mark = 10 marks)

11. If 4: 16 is like 7: ?, then what is the value of?

A. 14

B. 28

C. 49

D. 56

12. The cars are parked as follows from left to right:

Which car is 3rd from the right end?

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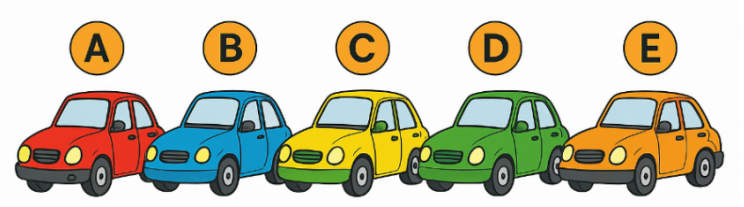
Left- 

A. Car C

B. Car B

C. Car E

D. Car A

13. If Car C and Car E are interchanged, and Car A is removed which car is second from left end?

Left -

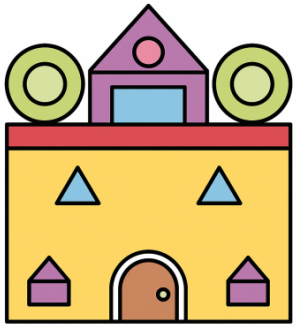
A. Car D

B. Car C

C. Car E

D. Car B

14. The sum of triangles and circles in the given image is ___.



A. 9

B. 11

C. 10

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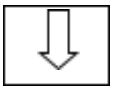
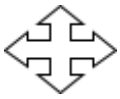
D. 8

15. If is related to , then  is related to _____.

A.

B.

C. 

D.

16. How many sides there are in 3 squares?

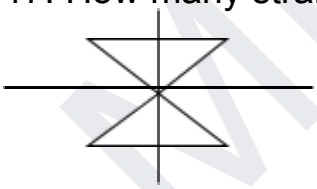
A. 11

B. 10

C. 8

D. 12

17. How many straight lines are there in the given image?



A. 7

B. 10

C. 6

D. 12

18. What is the shape of the given object?

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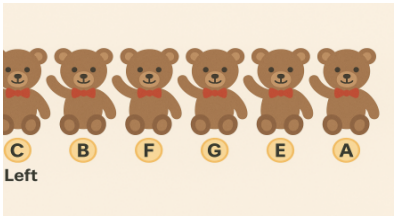
A. Square

B. Cylinder

C. Oval

D. Rectangle

19. Teddy bear _____ is 4th from the right end.



A. Teddy bear E

B. Teddy bear G

C. Teddy bear F

D. Teddy bear B

20. If is to , then is to ___?

A.

B.

C.

D. Both B & C

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Section: C: Logical Mastery (10 Questions × 2 marks = 20 marks)

21. Which is the eighth month of a year?

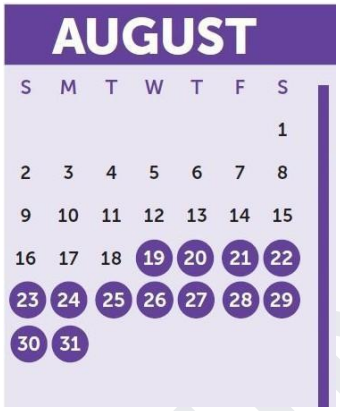
A. January

B. September

C. July

D. August

22. If Arjun's birthday falls on the **second Friday of August 20XX** and his sister Priya's birthday is **4 days after Arjun's birthday**, then on which date does Priya celebrate her birthday?



A. 11th August

B. 18th August

C. 17th August

D. 12th August

23. There are ___ circles and ____ triangles in the given picture.

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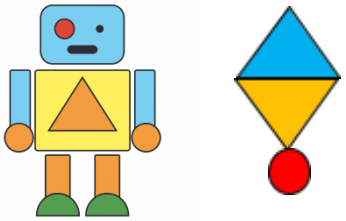

A. 6, 6

B. 5, 3

C. 6, 3

D. 8, 4

24. If the short hand is between 2 and 3 and the long hand is on 6, what time is shown?

A. 3:00

B. 6:30

C. 2:30

D. 2:00

25. Which group contains items used for drawing?

A. Crayon, Eraser, Pencil

B. Spoon, Pencil, Bowl

C. Paintbrush, Fork, Sketchbook

D. Marker, Compass, Plate

26. Find the odd one out by shape:

A. Ball

B. Orange

C. Cube

D. Globe

27. Which group shows a repeating shape pattern?

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A. ⚫ 🔺 ⚫ 🔺 ⚫

B. 🔵 🟥 🟢 🟨

C. 🔺 🔺 🔺 🔻

D. ⚫ 🔵 ⚫ ⚪ ⚪

28. If chocolate A is removed, then which chocolate is 3rd from last?

A. Chocolate G

B. Chocolate 0

C. Chocolate H

D. Chocolate F

29. If 6 : 12 , then 8 : __ ?

A. 14

B. 16

C. 10

D. 18

30. If today is Monday, what day will it be after two days from today?

A. Wednesday

B. Thursday

C. Sunday

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D. Friday

Answer key

1. B	**7. A**	**13. C**	**19. C**	**25. A**
2. C	**8. D**	**14. B**	**20. C**	**26. C**
3. D	**9. B**	**15. D**	**21. D**	**27. A**
4. B	**10. C**	**16. D**	**22. B**	**28. D**
5. A	**11. C**	**17. C**	**23. C**	**29. B**
6. D	**12. A**	**18. D**	**24. C**	**30. A**

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