Math Olympiad Practice

GRADE 1 | ORIGINAL MOCK TEST 01

Think carefully. Choose one answer.

35 questions / 60 minutes / 40 marks

Name: _____

Date: _____

Logical Reasoning	1-10	10 x 1 = 10
Mathematical Reasoning	11-20	10 x 1 = 10
Everyday Mathematics	21-30	10 x 1 = 10
Achievers Section	31-35	5 x 2 = 10

Circle A, B, C or D for each question.

Each question has only one correct answer.

There is no negative marking. Do not use a calculator.

For parents: Read unfamiliar words aloud if needed, without explaining how to solve the question. For a timed practice, start the clock after these instructions.

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Logical Reasoning

Questions 1-5 | 1 mark each

1. What comes next in the pattern?



A. Circle B. Triangle C. Square D. Rectangle

2. Which shape does not belong with the other three?

A 

B 

C 

D 

3. Which letter is second to the left of S?



A. P B. R C. Q D. U

4. Ria is third from the front and fourth from the back.
How many children are in the line?

A. 5 B. 6 C. 7 D. 8

5. Which list puts the lines in order from shortest to longest?

P 

Q 

R 

S 

A. P, R, Q, S B. P, Q, R, S C. S, Q, R, P D. R, P, Q, S

Logical Reasoning

Questions 6-10 | 1 mark each

6. How many groups of 3 dots can you make?



A. 3 B. 4 C. 6 D. 12

7. The inside and outside shapes swap places.
Which picture should replace the question mark?



A.  B.  C.  D. 

8. Find the missing number: 4, 7, 10, __, 16

A. 11 B. 12 C. 14 D. 13

9. Count all the squares, including the bigger ones.



A. 6 B. 7 C. 8 D. 9

10. The objects balance as shown.
Which is heavier: 1 box or 5 blocks?

1 box = 2 balls **1 ball = 3 blocks**

A. 1 box B. 5 blocks C. Same weight D. Cannot tell

Mathematical Reasoning

Questions 11-15 | 1 mark each

11. Which number is forty-six?

A. 64 B. 40 C. 46 D. 56

12. Which number is the same as 5 tens and 14 ones?

A. 54 B. 64 C. 59 D. 41

13. Find the difference between the greatest and smallest numbers shown.

42	67	25	53

A. 25 B. 42 C. 67 D. 28

14. Which digit belongs in the empty box?

$$\begin{array}{r} 3\,\square \\ +\ 2\ \ 4 \\ \hline 6\ \ 1 \end{array}$$

A. 3 B. 4 C. 7 D. 8

15. A counter moves from Start to End, one mark at a time. How many jumps does it make?



A. 3 B. 4 C. 5 D. 6

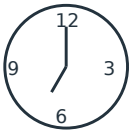
Mathematical Reasoning

Questions 16-20 | 1 mark each

16. Which subtraction has the smallest answer?

A. 48 - 20 B. 39 - 10 C. 56 - 30 D. 67 - 40

17. What time does the clock show?



A. 12 o'clock B. 6 o'clock C. 8 o'clock D. 7 o'clock

18. How many corners do these shapes have altogether?



A. 9 B. 15 C. 17 D. 18

19. Which solid has two flat circular faces?

A. Cylinder B. Cube C. Sphere D. Cuboid

20. How much money is shown?



A. Rs 25 B. Rs 27 C. Rs 22 D. Rs 17

Everyday Mathematics

Questions 21-25 | 1 mark each

21. There are 23 red flags and 15 blue flags.
How many flags are there altogether?

A. 28 B. 37 C. 38 D. 48

22. A tray had 42 buns. Now 26 buns are left.
How many buns were taken?

A. 16 B. 26 C. 18 D. 68

23. Isha has 18 stickers. This is 7 more than Neel has.
How many stickers does Neel have?

A. 25 B. 12 C. 7 D. 11

24. A workshop starts and ends at the times shown.
How long does it last?



Starts



Ends

A. 1 hour B. 2 hours C. 3 hours D. 4 hours

25. A bag has 35 beads. Tara puts in 12 more beads.
Then she takes out 5. How many beads are in the bag now?

A. 40 B. 47 C. 42 D. 52

Everyday Mathematics

Questions 26-30 | 1 mark each

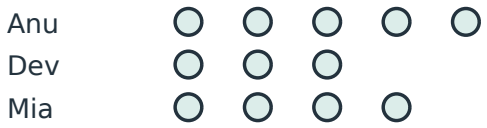
26. A 32 cm ribbon is cut into two pieces. One piece is 12 cm. How much longer is the other piece?

A. 20 cm B. 12 cm C. 44 cm D. 8 cm

27. A box is heavier than a ball. A book is lighter than the ball. Which is the heaviest?

A. Box B. Ball C. Book D. Cannot tell

28. The picture shows books read by three children. How many more books did Anu and Mia read together than Dev?



A. 2 B. 3 C. 6 D. 9

29. Yesterday was Thursday. What day will tomorrow be?

A. Friday B. Sunday C. Saturday D. Tuesday

30. Each card costs Rs 4. Mira buys 3 cards and pays Rs 20. How much change should she get?

A. Rs 8 B. Rs 12 C. Rs 16 D. Rs 4

Achievers Section

Questions 31-35 | 2 marks each

31. The two boxes have 30 beads altogether.
The blue box has 4 more beads than the green box.
How many beads are in the green box?

A. 13 B. 15 C. 17 D. 26

32. Make both 2-digit numbers using 4 and 7 once in each.
What is the difference between those numbers?

A. 21 B. 30 C. 27 D. 37

33. A square is worth 5. A circle is worth 2.
Which group has a total value of 16?

A. 2 squares, 2 circles
B. 3 squares, 1 circle
C. 1 square, 5 circles
D. 2 squares, 3 circles

34. Leela has three coins. Their total value is Rs 9.
Which set of coins can she have?

A. Rs 5, Rs 1, Rs 1 B. Rs 5, Rs 2, Rs 2 C. Rs 2, Rs 2, Rs 2 D. Rs 5, Rs 5, Rs 1

35. Nila is thinking of a number.
She adds 8, then takes away 5. Her answer is 21.
What was her starting number?

A. 13 B. 16 C. 18 D. 24