

Class 1 · Mathematics Olympiad

Total questions 35	Total marks 40	Time 60 minutes	Negative marking None
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Each question has four options, of which only one is correct. Mark your answer on the answer sheet. The Achievers Section carries higher marks per question. The answer key with full solutions is at the end of this paper.

This is original practice material written to the Level 1 pattern. It is not a past paper and is not affiliated with SOF or any official olympiad body.

Logical Reasoning

10 questions · 1 mark each · 10 marks

- Q1. Find the next number in the pattern: 5, 10, 15, 20, ____
 (A) 30 (B) 25 (C) 26 (D) 20
- Q2. Which of these numbers is the smallest?
 (A) 68 (B) 83 (C) 63 (D) 72
- Q3. If today is Monday, what day is the day after today?
 (A) Wednesday (B) Tuesday (C) Thursday (D) Friday
- Q4. Which number comes just before 78?
 (A) 78 (B) 80 (C) 76 (D) 77
- Q5. Look at the pattern: square, triangle, square, triangle, square, ____ . Which shape comes next?
 (A) triangle (B) oval (C) square (D) hexagon
- Q6. Count forward in 3s: 15, 18, 21, 24, ____
 (A) 27 (B) 30 (C) 28 (D) 26
- Q7. Find the next number in the pattern: 7, 10, 13, 16, ____
 (A) 22 (B) 20 (C) 16 (D) 19
- Q8. If today is Monday, what day is two days after today?
 (A) Thursday (B) Wednesday (C) Saturday (D) Friday
- Q9. Which number comes just after 76?
 (A) 78 (B) 76 (C) 79 (D) 77
- Q10. Look at the pattern: star, square, star, square, star, ____ . Which shape comes next?
 (A) hexagon (B) oval (C) star (D) square

Mathematical Reasoning

10 questions · 1 mark each · 10 marks

- Q11. $12 + 4 = ?$
 (A) 16 (B) 6 (C) 26 (D) 17
- Q12. In the number 39, what is the digit in the tens place?
 (A) 3 (B) 5 (C) 9 (D) 4

Q13. How many sides does a square have?

- (A) 6 (B) 3 (C) 5 (D) 4

Q14. $10 + 3 = ?$

- (A) 14 (B) 13 (C) 23 (D) 3

Q15. In the number 26, what is the digit in the ones place?

- (A) 7 (B) 6 (C) 2 (D) 8

Q16. $24 + 3 = ?$

- (A) 17 (B) 37 (C) 27 (D) 28

Q17. In the number 52, what is the digit in the ones place?

- (A) 4 (B) 2 (C) 3 (D) 5

Q18. How many sides does a hexagon have?

- (A) 5 (B) 8 (C) 6 (D) 7

Q19. $20 + 31 = ?$

- (A) 52 (B) 51 (C) 41 (D) 61

Q20. In the number 44, what is the digit in the ones place?

- (A) 5 (B) 6 (C) 3 (D) 4

Everyday Mathematics

10 questions · 1 mark each · 10 marks

Q21. A pencil costs ₹ 19 and an eraser costs ₹ 37. What is the total cost?

- (A) ₹ 18 (B) ₹ 51 (C) ₹ 56 (D) ₹ 61

Q22. Deepa had 27 mangoes and gave away 23. How many mangoes are left?

- (A) 2 (B) 4 (C) 6 (D) 27

Q23. A pencil costs ₹ 36 and an eraser costs ₹ 38. What is the total cost?

- (A) ₹ 74 (B) ₹ 69 (C) ₹ 79 (D) ₹ 2

Q24. Sameer had 22 marbles and gave away 16. How many marbles are left?

- (A) 22 (B) 6 (C) 4 (D) 8

Q25. A pencil costs ₹ 15 and an eraser costs ₹ 19. What is the total cost?

- (A) ₹ 39 (B) ₹ 34 (C) ₹ 4 (D) ₹ 29

Q26. Ayesha had 20 pencils and gave away 6. How many pencils are left?

- (A) 12 (B) 16 (C) 14 (D) 20

Q27. A pencil costs ₹ 32 and an eraser costs ₹ 11. What is the total cost?

- (A) ₹ 48 (B) ₹ 21 (C) ₹ 43 (D) ₹ 38

Q28. Deepa had 21 chocolates and gave away 18. How many chocolates are left?

- (A) 5 (B) 3 (C) 1 (D) 21

Q29. A pencil costs ₹ 5 and an eraser costs ₹ 29. What is the total cost?

- (A) ₹ 39 (B) ₹ 34 (C) ₹ 29 (D) ₹ 24

Q30. Rohit had 11 stickers and gave away 8. How many stickers are left?

- (A) 5 (B) 11 (C) 1 (D) 3

Achievers Section

5 questions · 2 marks each · 10 marks

Q31. There are 5 boxes with 5 oranges in each box. If 19 oranges are eaten, how many are left?

- (A) 9 (B) 25 (C) 6 (D) 3

Q32. Choose the correct form: "The ____ playing in the park." (use the plural of 'tooth')

- (A) teeth are (B) tooth are (C) tooths are (D) teeth is

Q33. There are 9 boxes with 11 samosas in each box. If 15 samosas are eaten, how many are left?

- (A) 81 (B) 84 (C) 87 (D) 99

Q34. Choose the correct form: "The ____ playing in the park." (use the plural of 'knife')

- (A) knives is (B) knives are (C) knife are (D) knives are

Q35. There are 9 boxes with 11 apples in each box. If 88 apples are eaten, how many are left?

- (A) 11 (B) 8 (C) 14 (D) 99

Answer Key

1	2	3	4	5	6	7	8	9	10
B	C	B	D	A	A	D	B	D	D
11	12	13	14	15	16	17	18	19	20
A	A	D	B	B	C	B	C	B	D
21	22	23	24	25	26	27	28	29	30
C	B	A	B	B	C	C	B	B	D
31	32	33	34	35					
C	A	B	D	A					

Solutions

Q1. (B) Each number is 5 more than the one before it, so the next is $20 + 5 = 25$.

Q2. (C) Comparing 63, 68, 72, 83, the smallest is 63.

Q3. (B) Counting 1 day(s) on from Monday gives Tuesday.

Q4. (D) The number just before 78 is 77.

Q5. (A) The pattern repeats square then triangle over and over, so after square comes triangle.

Q6. (A) Adding 3 to 24 gives 27.

Q7. (D) Each number is 3 more than the one before it, so the next is $16 + 3 = 19$.

Q8. (B) Counting 2 day(s) on from Monday gives Wednesday.

Q9. (D) The number just after 76 is 77.

Q10. (D) The pattern repeats star then square over and over, so after star comes square.

- Q11. (A) $12 + 4 = 16$.
- Q12. (A) 39 is 3 ten(s) and 9 one(s), so the tens digit is 3.
- Q13. (D) A square has 4 sides.
- Q14. (B) $10 + 3 = 13$.
- Q15. (B) 26 is 2 ten(s) and 6 one(s), so the ones digit is 6.
- Q16. (C) $24 + 3 = 27$.
- Q17. (B) 52 is 5 ten(s) and 2 one(s), so the ones digit is 2.
- Q18. (C) A hexagon has 6 sides.
- Q19. (B) $20 + 31 = 51$.
- Q20. (D) 44 is 4 ten(s) and 4 one(s), so the ones digit is 4.
- Q21. (C) $19 + 37 = ₹ 56$.
- Q22. (B) $27 - 23 = 4$.
- Q23. (A) $36 + 38 = ₹ 74$.
- Q24. (B) $22 - 16 = 6$.
- Q25. (B) $15 + 19 = ₹ 34$.
- Q26. (C) $20 - 6 = 14$.
- Q27. (C) $32 + 11 = ₹ 43$.
- Q28. (B) $21 - 18 = 3$.
- Q29. (B) $5 + 29 = ₹ 34$.
- Q30. (D) $11 - 8 = 3$.
- Q31. (C) $5 \times 5 = 25$ oranges in all, and $25 - 19 = 6$ are left.
- Q32. (A) The plural of 'tooth' is 'teeth', and a plural subject takes 'are', so the answer is "teeth are".
- Q33. (B) $9 \times 11 = 99$ samosas in all, and $99 - 15 = 84$ are left.
- Q34. (D) The plural of 'knife' is 'knives', and a plural subject takes 'are', so the answer is "knives are".
- Q35. (A) $9 \times 11 = 99$ apples in all, and $99 - 88 = 11$ are left.

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