

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. If today is Wednesday, what day is the day after today?

- (A) Saturday (B) Sunday (C) Friday (D) Thursday

Q2. Count forward in 10s: 20, 30, 40, 50, ____

- (A) 59 (B) 60 (C) 61 (D) 70

Q3. Which of these numbers is the smallest?

- (A) 52 (B) 32 (C) 95 (D) 17

Q4. Find the next number in the pattern: 4, 6, 8, 10, ____

- (A) 12 (B) 14 (C) 13 (D) 10

Q5. Which number comes just before 53?

- (A) 51 (B) 55 (C) 53 (D) 52

Q6. Look at the pattern: circle, triangle, circle, triangle, circle, ____ . Which shape comes next?

- (A) circle (B) oval (C) triangle (D) hexagon

Q7. If today is Sunday, what day is two days after today?

- (A) Tuesday (B) Thursday (C) Friday (D) Wednesday

Q8. Count forward in 2s: 8, 10, 12, 14, ____

- (A) 15 (B) 18 (C) 16 (D) 17

Q9. Find the next number in the pattern: 9, 11, 13, 15, ____

- (A) 15 (B) 18 (C) 17 (D) 19

Q10. Which number comes just before 57?

- (A) 57 (B) 59 (C) 55 (D) 56

Mathematical Reasoning

10 questions · 1 mark each · 10 marks

Q11. In the number 80, what is the digit in the tens place?

- (A) 9 (B) 8 (C) 10 (D) 0

Q12. $9 + 8 = ?$

- (A) 7 (B) 27 (C) 17 (D) 18

Q13. How many sides does a triangle have?

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

Q14. In the number 67, what is the digit in the ones place?

- (A) 8 (B) 9 (C) 6 (D) 7

Q15. $7 + 12 = ?$

- (A) 9 (B) 20 (C) 29 (D) 19

Q16. How many sides does a pentagon have?

- (A) 5 (B) 4 (C) 7 (D) 6

Q17. In the number 68, what is the digit in the tens place?

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

Q18. $32 + 3 = ?$

- (A) 25 (B) 36 (C) 35 (D) 45

Q19. How many sides does a rectangle have?

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

Q20. In the number 67, what is the digit in the tens place?

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

Everyday Mathematics

10 questions · 1 mark each · 10 marks

Q21. A pencil costs ₹ 25 and an eraser costs ₹ 35. What is the total cost?

- (A) ₹ 55 (B) ₹ 60 (C) ₹ 10 (D) ₹ 65

Q22. Sameer had 13 stickers and gave away 7. How many stickers are left?

- (A) 4 (B) 6 (C) 8 (D) 13

Q23. A pencil costs ₹ 18 and an eraser costs ₹ 26. What is the total cost?

- (A) ₹ 49 (B) ₹ 8 (C) ₹ 44 (D) ₹ 39

Q24. Rohit had 30 chocolates and gave away 9. How many chocolates are left?

- (A) 30 (B) 23 (C) 21 (D) 19

Q25. A pencil costs ₹ 34 and an eraser costs ₹ 40. What is the total cost?

- (A) ₹ 6 (B) ₹ 69 (C) ₹ 79 (D) ₹ 74

Q26. Sameer had 20 mangoes and gave away 15. How many mangoes are left?

- (A) 5 (B) 7 (C) 3 (D) 20

Q27. A pencil costs ₹ 19 and an eraser costs ₹ 10. What is the total cost?

- (A) ₹ 34 (B) ₹ 29 (C) ₹ 24 (D) ₹ 9

Q28. Ayesha had 24 chocolates and gave away 7. How many chocolates are left?

- (A) 17 (B) 19 (C) 15 (D) 24

Q29. A pencil costs ₹ 10 and an eraser costs ₹ 6. What is the total cost?

- (A) ₹ 11 (B) ₹ 16 (C) ₹ 21 (D) ₹ 4

Q30. Rohit had 33 marbles and gave away 12. How many marbles are left?

- (A) 33 (B) 19 (C) 23 (D) 21

Achievers Section

5 questions · 2 marks each · 10 marks

Q31. Choose the correct form: "The ____ playing in the park." (use the plural of 'leaf')

- (A) leafs are (B) leaves is (C) leaves are (D) leaf are

Q32. There are 3 boxes with 12 oranges in each box. If 33 oranges are eaten, how many are left?

- (A) 0 (B) 3 (C) 6 (D) 36

Q33. Choose the correct form: "The ____ playing in the park." (use the plural of 'knife')

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

Q34. There are 8 boxes with 11 apples in each box. If 32 apples are eaten, how many are left?

- (A) 56 (B) 59 (C) 53 (D) 88

Q35. Choose the correct form: "The ____ playing in the park." (use the plural of 'city')

- (A) city are (B) cities is (C) citys are (D) cities are

Answer Key

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

Solutions

Q1. (D) Counting 1 day(s) on from Wednesday gives Thursday.

Q2. (B) Adding 10 to 50 gives 60.

Q3. (D) Comparing 17, 32, 52, 95, the smallest is 17.

Q4. (A) Each number is 2 more than the one before it, so the next is $10 + 2 = 12$.

Q5. (D) The number just before 53 is 52.

Q6. (C) The pattern repeats circle then triangle over and over, so after circle comes triangle.

Q7. (A) Counting 2 day(s) on from Sunday gives Tuesday.

Q8. (C) Adding 2 to 14 gives 16.

Q9. (C) Each number is 2 more than the one before it, so the next is $15 + 2 = 17$.

Q10. (D) The number just before 57 is 56.

- Q11. (B) 80 is 8 ten(s) and 0 one(s), so the tens digit is 8.
- Q12. (C) $9 + 8 = 17$.
- Q13. (A) A triangle has 3 sides.
- Q14. (D) 67 is 6 ten(s) and 7 one(s), so the ones digit is 7.
- Q15. (D) $7 + 12 = 19$.
- Q16. (A) A pentagon has 5 sides.
- Q17. (B) 68 is 6 ten(s) and 8 one(s), so the tens digit is 6.
- Q18. (C) $32 + 3 = 35$.
- Q19. (D) A rectangle has 4 sides.
- Q20. (C) 67 is 6 ten(s) and 7 one(s), so the tens digit is 6.
- Q21. (B) $25 + 35 = ₹ 60$.
- Q22. (B) $13 - 7 = 6$.
- Q23. (C) $18 + 26 = ₹ 44$.
- Q24. (C) $30 - 9 = 21$.
- Q25. (D) $34 + 40 = ₹ 74$.
- Q26. (A) $20 - 15 = 5$.
- Q27. (B) $19 + 10 = ₹ 29$.
- Q28. (A) $24 - 7 = 17$.
- Q29. (B) $10 + 6 = ₹ 16$.
- Q30. (D) $33 - 12 = 21$.
- Q31. (C) The plural of 'leaf' is 'leaves', and a plural subject takes 'are', so the answer is "leaves are".
- Q32. (B) $3 \times 12 = 36$ oranges in all, and $36 - 33 = 3$ are left.
- Q33. (B) The plural of 'knife' is 'knives', and a plural subject takes 'are', so the answer is "knives are".
- Q34. (A) $8 \times 11 = 88$ apples in all, and $88 - 32 = 56$ are left.
- Q35. (D) The plural of 'city' is 'cities', and a plural subject takes 'are', so the answer is "cities are".

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