

Class 1 · Reasoning 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

30 questions · 1 mark each · 30 marks

Q1. Which number comes just after 47?

- (A) 49 (B) 48 (C) 47 (D) 50

Q2. Find the next number in the pattern: 3, 6, 9, 12, ____

- (A) 18 (B) 12 (C) 16 (D) 15

Q3. If today is Tuesday, what day is the day after today?

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

Q4. Which of these numbers is the smallest?

- (A) 84 (B) 25 (C) 58 (D) 49

Q5. Count forward in 2s: 4, 6, 8, 10, ____

- (A) 12 (B) 13 (C) 11 (D) 14

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

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

Q7. Which number comes just before 81?

- (A) 80 (B) 81 (C) 79 (D) 83

Q8. Find the next number in the pattern: 2, 7, 12, 17, ____

- (A) 22 (B) 27 (C) 17 (D) 23

Q9. If today is Friday, what day is the day after today?

- (A) Saturday (B) Monday (C) Sunday (D) Tuesday

Q10. Count forward in 5s: 25, 30, 35, 40, ____

- (A) 46 (B) 44 (C) 50 (D) 45

Q11. Look at the pattern: square, star, square, star, square, ____ . Which shape comes next?

- (A) hexagon (B) square (C) star (D) oval

Q12. Which number comes just before 53?

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

Q13. Find the next number in the pattern: 7, 12, 17, 22, ____

- (A) 28 (B) 27 (C) 32 (D) 22

- Q14. If today is Saturday, what day is two days after today?
(A) Wednesday (B) Tuesday (C) Thursday (D) Monday
- Q15. Count forward in 5s: 10, 15, 20, 25, ____
(A) 30 (B) 31 (C) 29 (D) 35
- Q16. Look at the pattern: circle, square, circle, square, circle, ____ . Which shape comes next?
(A) oval (B) square (C) hexagon (D) circle
- Q17. Which number comes just after 40?
(A) 40 (B) 43 (C) 41 (D) 42
- Q18. Find the next number in the pattern: 9, 12, 15, 18, ____
(A) 18 (B) 22 (C) 21 (D) 24
- Q19. If today is Monday, what day is two days after today?
(A) Wednesday (B) Thursday (C) Friday (D) Saturday
- Q20. Count forward in 10s: 50, 60, 70, 80, ____
(A) 90 (B) 89 (C) 91 (D) 100
- Q21. Look at the pattern: circle, star, circle, star, circle, ____ . Which shape comes next?
(A) oval (B) hexagon (C) circle (D) star
- Q22. Which number comes just before 33?
(A) 32 (B) 33 (C) 35 (D) 31
- Q23. Find the next number in the pattern: 5, 9, 13, 17, ____
(A) 22 (B) 25 (C) 21 (D) 17
- Q24. If today is Thursday, what day is the day after today?
(A) Saturday (B) Sunday (C) Friday (D) Monday
- Q25. Which of these numbers is the greatest?
(A) 53 (B) 87 (C) 98 (D) 30
- Q26. Look at the pattern: square, triangle, square, triangle, square, ____ . Which shape comes next?
(A) hexagon (B) triangle (C) square (D) oval
- Q27. Which number comes just before 56?
(A) 58 (B) 56 (C) 55 (D) 54
- Q28. Find the next number in the pattern: 3, 7, 11, 15, ____
(A) 23 (B) 15 (C) 20 (D) 19
- Q29. If today is Saturday, what day is the day after today?
(A) Monday (B) Tuesday (C) Wednesday (D) Sunday
- Q30. Count forward in 10s: 20, 30, 40, 50, ____
(A) 61 (B) 60 (C) 70 (D) 59

Achievers Section

5 questions · 2 marks each · 10 marks

- Q31. There are 3 boxes with 8 oranges in each box. If 2 oranges are eaten, how many are left?
 (A) 22 (B) 19 (C) 25 (D) 24
- Q32. Choose the correct form: "The ____ playing in the park." (use the plural of 'woman')
 (A) women are (B) womans are (C) women is (D) woman are
- Q33. There are 4 boxes with 12 apples in each box. If 9 apples are eaten, how many are left?
 (A) 39 (B) 48 (C) 36 (D) 42
- Q34. Choose the correct form: "The ____ playing in the park." (use the plural of 'knife')
 (A) knives are (B) knives is (C) knives are (D) knife are
- Q35. There are 9 boxes with 4 samosas in each box. If 3 samosas are eaten, how many are left?
 (A) 36 (B) 34 (C) 33 (D) 30

Answer Key

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

Solutions

- Q1. (B) The number just after 47 is 48.
- Q2. (D) Each number is 3 more than the one before it, so the next is $12 + 3 = 15$.
- Q3. (A) Counting 1 day(s) on from Tuesday gives Wednesday.
- Q4. (B) Comparing 25, 49, 58, 84, the smallest is 25.
- Q5. (A) Adding 2 to 10 gives 12.
- Q6. (C) The pattern repeats star then circle over and over, so after star comes circle.
- Q7. (A) The number just before 81 is 80.
- Q8. (A) Each number is 5 more than the one before it, so the next is $17 + 5 = 22$.
- Q9. (A) Counting 1 day(s) on from Friday gives Saturday.
- Q10. (D) Adding 5 to 40 gives 45.
- Q11. (C) The pattern repeats square then star over and over, so after square comes star.
- Q12. (D) The number just before 53 is 52.
- Q13. (B) Each number is 5 more than the one before it, so the next is $22 + 5 = 27$.
- Q14. (D) Counting 2 day(s) on from Saturday gives Monday.
- Q15. (A) Adding 5 to 25 gives 30.
- Q16. (B) The pattern repeats circle then square over and over, so after circle comes square.
- Q17. (C) The number just after 40 is 41.

- Q18. (C) Each number is 3 more than the one before it, so the next is $18 + 3 = 21$.
- Q19. (A) Counting 2 day(s) on from Monday gives Wednesday.
- Q20. (A) Adding 10 to 80 gives 90.
- Q21. (D) The pattern repeats circle then star over and over, so after circle comes star.
- Q22. (A) The number just before 33 is 32.
- Q23. (C) Each number is 4 more than the one before it, so the next is $17 + 4 = 21$.
- Q24. (C) Counting 1 day(s) on from Thursday gives Friday.
- Q25. (C) Comparing 30, 53, 87, 98, the greatest is 98.
- Q26. (B) The pattern repeats square then triangle over and over, so after square comes triangle.
- Q27. (C) The number just before 56 is 55.
- Q28. (D) Each number is 4 more than the one before it, so the next is $15 + 4 = 19$.
- Q29. (D) Counting 1 day(s) on from Saturday gives Sunday.
- Q30. (B) Adding 10 to 50 gives 60.
- Q31. (A) $3 \times 8 = 24$ oranges in all, and $24 - 2 = 22$ are left.
- Q32. (A) The plural of 'woman' is 'women', and a plural subject takes 'are', so the answer is "women are".
- Q33. (A) $4 \times 12 = 48$ apples in all, and $48 - 9 = 39$ are left.
- Q34. (C) The plural of 'knife' is 'knives', and a plural subject takes 'are', so the answer is "knives are".
- Q35. (C) $9 \times 4 = 36$ samosas in all, and $36 - 3 = 33$ are left.

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