

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 of these numbers is the greatest?

- (A) 79 (B) 48 (C) 73 (D) 18

Q2. If today is Friday, what day is two days after today?

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

Q3. Which number comes just after 81?

- (A) 82 (B) 83 (C) 81 (D) 84

Q4. Look at the pattern: star, square, star, square, star, ____ . Which shape comes next?

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

Q5. Count forward in 3s: 12, 15, 18, 21, ____

- (A) 27 (B) 25 (C) 23 (D) 24

Q6. Find the next number in the pattern: 9, 13, 17, 21, ____

- (A) 29 (B) 26 (C) 25 (D) 21

Q7. If today is Friday, what day is the day after today?

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

Q8. Which number comes just after 39?

- (A) 42 (B) 39 (C) 41 (D) 40

Q9. Count forward in 10s: 10, 20, 30, 40, ____

- (A) 60 (B) 50 (C) 49 (D) 51

Q10. Find the next number in the pattern: 2, 4, 6, 8, ____

- (A) 12 (B) 8 (C) 11 (D) 10

Q11. Which of these numbers is the smallest?

- (A) 15 (B) 61 (C) 32 (D) 11

Q12. If today is Sunday, what day is the day after today?

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

Q13. Which number comes just after 24?

- (A) 24 (B) 25 (C) 27 (D) 26

- Q14. Look at the pattern: circle, star, circle, star, circle, ____ . Which shape comes next?
(A) oval (B) circle (C) hexagon (D) star
- Q15. Count forward in 3s: 18, 21, 24, 27, ____
(A) 30 (B) 29 (C) 31 (D) 33
- Q16. Find the next number in the pattern: 6, 10, 14, 18, ____
(A) 22 (B) 26 (C) 18 (D) 23
- Q17. If today is Monday, what day is two days after today?
(A) Friday (B) Wednesday (C) Thursday (D) Saturday
- Q18. Which number comes just before 36?
(A) 34 (B) 36 (C) 35 (D) 38
- Q19. Look at the pattern: star, triangle, star, triangle, star, ____ . Which shape comes next?
(A) star (B) hexagon (C) triangle (D) oval
- Q20. Find the next number in the pattern: 8, 10, 12, 14, ____
(A) 16 (B) 17 (C) 18 (D) 14
- Q21. If today is Saturday, what day is two days after today?
(A) Thursday (B) Tuesday (C) Monday (D) Wednesday
- Q22. Which number comes just after 31?
(A) 31 (B) 34 (C) 33 (D) 32
- Q23. Look at the pattern: square, star, square, star, square, ____ . Which shape comes next?
(A) oval (B) square (C) hexagon (D) star
- Q24. Find the next number in the pattern: 3, 6, 9, 12, ____
(A) 18 (B) 12 (C) 15 (D) 16
- Q25. Which number comes just before 83?
(A) 83 (B) 81 (C) 82 (D) 85
- Q26. Look at the pattern: circle, square, circle, square, circle, ____ . Which shape comes next?
(A) circle (B) square (C) hexagon (D) oval
- Q27. Count forward in 3s: 3, 6, 9, 12, ____
(A) 16 (B) 18 (C) 14 (D) 15
- Q28. Find the next number in the pattern: 5, 8, 11, 14, ____
(A) 17 (B) 20 (C) 18 (D) 14
- Q29. If today is Tuesday, what day is the day after today?
(A) Thursday (B) Friday (C) Saturday (D) Wednesday
- Q30. Which number comes just after 14?
(A) 15 (B) 17 (C) 16 (D) 14

- Q31. Choose the correct form: "The ____ playing in the park." (use the plural of 'box')
- (A) boxes are (B) boxes is (C) boxs are (D) box are
- Q32. There are 6 boxes with 9 apples in each box. If 41 apples are eaten, how many are left?
- (A) 10 (B) 13 (C) 16 (D) 54
- Q33. Choose the correct form: "The ____ playing in the park." (use the plural of 'leaf')
- (A) leaves is (B) leaf are (C) leaves are (D) leafs are
- Q34. There are 3 boxes with 5 oranges in each box. If 7 oranges are eaten, how many are left?
- (A) 11 (B) 15 (C) 8 (D) 5
- Q35. Choose the correct form: "The ____ playing in the park." (use the plural of 'child')
- (A) child are (B) children are (C) childs are (D) children is

Answer Key

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

Solutions

- Q1. (A) Comparing 18, 48, 73, 79, the greatest is 79.
- Q2. (D) Counting 2 day(s) on from Friday gives Sunday.
- Q3. (A) The number just after 81 is 82.
- Q4. (D) The pattern repeats star then square over and over, so after star comes square.
- Q5. (D) Adding 3 to 21 gives 24.
- Q6. (C) Each number is 4 more than the one before it, so the next is $21 + 4 = 25$.
- Q7. (C) Counting 1 day(s) on from Friday gives Saturday.
- Q8. (D) The number just after 39 is 40.
- Q9. (B) Adding 10 to 40 gives 50.
- Q10. (D) Each number is 2 more than the one before it, so the next is $8 + 2 = 10$.
- Q11. (D) Comparing 11, 15, 32, 61, the smallest is 11.
- Q12. (B) Counting 1 day(s) on from Sunday gives Monday.
- Q13. (B) The number just after 24 is 25.
- Q14. (D) The pattern repeats circle then star over and over, so after circle comes star.
- Q15. (A) Adding 3 to 27 gives 30.
- Q16. (A) Each number is 4 more than the one before it, so the next is $18 + 4 = 22$.
- Q17. (B) Counting 2 day(s) on from Monday gives Wednesday.

- Q18. (C) The number just before 36 is 35.
- Q19. (C) The pattern repeats star then triangle over and over, so after star comes triangle.
- Q20. (A) Each number is 2 more than the one before it, so the next is $14 + 2 = 16$.
- Q21. (C) Counting 2 day(s) on from Saturday gives Monday.
- Q22. (D) The number just after 31 is 32.
- Q23. (D) The pattern repeats square then star over and over, so after square comes star.
- Q24. (C) Each number is 3 more than the one before it, so the next is $12 + 3 = 15$.
- Q25. (C) The number just before 83 is 82.
- Q26. (B) The pattern repeats circle then square over and over, so after circle comes square.
- Q27. (D) Adding 3 to 12 gives 15.
- Q28. (A) Each number is 3 more than the one before it, so the next is $14 + 3 = 17$.
- Q29. (D) Counting 1 day(s) on from Tuesday gives Wednesday.
- Q30. (A) The number just after 14 is 15.
- Q31. (A) The plural of 'box' is 'boxes', and a plural subject takes 'are', so the answer is "boxes are".
- Q32. (B) $6 \times 9 = 54$ apples in all, and $54 - 41 = 13$ are left.
- Q33. (C) The plural of 'leaf' is 'leaves', and a plural subject takes 'are', so the answer is "leaves are".
- Q34. (C) $3 \times 5 = 15$ oranges in all, and $15 - 7 = 8$ are left.
- Q35. (B) The plural of 'child' is 'children', and a plural subject takes 'are', so the answer is "children are".

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