

Class 2 · 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. In a row of 16 children, Tara is 4th from the left end. What is Tara's position from the right end?

- (A) 15th (B) 13th (C) 12th (D) 14th

Q2. Which of these numbers is the greatest?

- (A) 206 (B) 727 (C) 209 (D) 417

Q3. Count backward in 3s: 36, 33, 30, 27, ____

- (A) 27 (B) 25 (C) 24 (D) 21

Q4. Count forward in 10s: 20, 30, 40, 50, ____

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

Q5. Find the odd one out: 18, 30, 36, 54, 68

- (A) 30 (B) 68 (C) 54 (D) 18

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

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

Q7. Which number comes just after 688?

- (A) 688 (B) 691 (C) 689 (D) 690

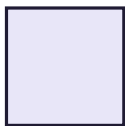
Q8. Find the next number in the pattern: 3, 8, 13, 18, ____

- (A) 28 (B) 23 (C) 18 (D) 24

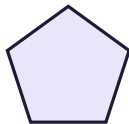
Q9. If today is Tuesday, what day is the day after today?

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

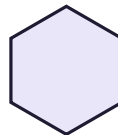
Q10. Which of these figures has exactly 5 lines of symmetry?



(A)



(B)



(C)



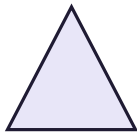
(D)

Q11. In a row of 14 children, Ravi is 9th from the left end. What is Ravi's position from the right end?

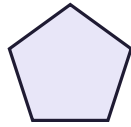
- (A) 6th (B) 7th (C) 5th (D) 8th

- Q12. Which of these numbers is the smallest?
(A) 180 (B) 992 (C) 900 (D) 1117
- Q13. Count backward in 5s: 35, 30, 25, 20, ____
(A) 20 (B) 16 (C) 15 (D) 10
- Q14. Count forward in 3s: 9, 12, 15, 18, ____
(A) 20 (B) 21 (C) 24 (D) 22
- Q15. Find the odd one out: 8, 12, 24, 32, 46
(A) 46 (B) 8 (C) 12 (D) 32
- Q16. Look at the pattern: triangle, square, triangle, square, triangle, ____ . Which shape comes next?
(A) hexagon (B) square (C) oval (D) triangle
- Q17. Which number comes just before 364?
(A) 364 (B) 366 (C) 362 (D) 363
- Q18. Find the next number in the pattern: 4, 7, 10, 13, ____
(A) 13 (B) 19 (C) 16 (D) 17
- Q19. If today is Saturday, what day is two days after today?
(A) Monday (B) Tuesday (C) Wednesday (D) Thursday
- Q20. In a row of 17 children, Ravi is 10th from the left end. What is Ravi's position from the right end?
(A) 8th (B) 9th (C) 7th (D) 10th
- Q21. Count backward in 2s: 18, 16, 14, 12, ____
(A) 10 (B) 12 (C) 11 (D) 8
- Q22. Count forward in 5s: 10, 15, 20, 25, ____
(A) 29 (B) 31 (C) 35 (D) 30
- Q23. Find the odd one out: 20, 28, 38, 40, 44
(A) 38 (B) 44 (C) 28 (D) 20
- Q24. Look at the pattern: square, circle, square, circle, square, ____ . Which shape comes next?
(A) oval (B) hexagon (C) circle (D) square
- Q25. Which number comes just after 462?
(A) 462 (B) 464 (C) 465 (D) 463
- Q26. Find the next number in the pattern: 8, 13, 18, 23, ____
(A) 29 (B) 33 (C) 28 (D) 23
- Q27. If today is Wednesday, what day is two days after today?
(A) Sunday (B) Friday (C) Saturday (D) Monday

Q28. Which of these figures has exactly 4 lines of symmetry?



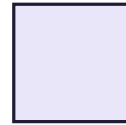
(A)



(B)



(C)



(D)

Q29. In a row of 16 children, Imran is 6th from the left end. What is Imran's position from the right end?

(A) 12th

(B) 11th

(C) 13th

(D) 10th

Q30. Count backward in 3s: 24, 21, 18, 15, ____

(A) 12

(B) 13

(C) 9

(D) 15

Achievers Section

5 questions · 2 marks each · 10 marks

Q31. There are 7 boxes with 8 samosas in each box. If 20 samosas are eaten, how many are left?

(A) 33

(B) 39

(C) 56

(D) 36

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

(A) citys are

(B) city are

(C) cities is

(D) cities are

Q33. $128 + \underline{\quad} = 179$

(A) 41

(B) 61

(C) 51

(D) 179

Q34. There are 3 boxes with 9 samosas in each box. If 6 samosas are eaten, how many are left?

(A) 18

(B) 24

(C) 27

(D) 21

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

(A) geoses are

(B) geese are

(C) goose are

(D) geese is

Answer Key

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

Solutions

Q1. (B) Position from the right = total - position from the left + 1 = $16 - 4 + 1 = 13$ th.

Q2. (B) Comparing 206, 209, 417, 727, the greatest is 727.

Q3. (C) Subtracting 3 from 27 gives 24.

- Q4. (D) Adding 10 to 50 gives 60.
- Q5. (B) Every other number is a multiple of 6. 68 is not.
- Q6. (A) The pattern repeats triangle then star over and over, so after triangle comes star.
- Q7. (C) The number just after 688 is 689.
- Q8. (B) Each number is 5 more than the one before it, so the next is $18 + 5 = 23$.
- Q9. (B) Counting 1 day(s) on from Tuesday gives Wednesday.
- Q10. (B) Counting lines of symmetry: square has 4, regular pentagon has 5, regular hexagon has 6, rectangle has 2. The answer is figure (B).
- Q11. (A) Position from the right = total - position from the left + 1 = $14 - 9 + 1 = 6\text{th}$.
- Q12. (A) Comparing 180, 900, 992, 1117, the smallest is 180.
- Q13. (C) Subtracting 5 from 20 gives 15.
- Q14. (B) Adding 3 to 18 gives 21.
- Q15. (A) Every other number is a multiple of 4. 46 is not.
- Q16. (B) The pattern repeats triangle then square over and over, so after triangle comes square.
- Q17. (D) The number just before 364 is 363.
- Q18. (C) Each number is 3 more than the one before it, so the next is $13 + 3 = 16$.
- Q19. (A) Counting 2 day(s) on from Saturday gives Monday.
- Q20. (A) Position from the right = total - position from the left + 1 = $17 - 10 + 1 = 8\text{th}$.
- Q21. (A) Subtracting 2 from 12 gives 10.
- Q22. (D) Adding 5 to 25 gives 30.
- Q23. (A) Every other number is a multiple of 4. 38 is not.
- Q24. (C) The pattern repeats square then circle over and over, so after square comes circle.
- Q25. (D) The number just after 462 is 463.
- Q26. (C) Each number is 5 more than the one before it, so the next is $23 + 5 = 28$.
- Q27. (B) Counting 2 day(s) on from Wednesday gives Friday.
- Q28. (D) Counting lines of symmetry: equilateral triangle has 3, regular pentagon has 5, rectangle has 2, square has 4. The answer is figure (D).
- Q29. (B) Position from the right = total - position from the left + 1 = $16 - 6 + 1 = 11\text{th}$.
- Q30. (A) Subtracting 3 from 15 gives 12.
- Q31. (D) $7 \times 8 = 56$ samosas in all, and $56 - 20 = 36$ are left.
- Q32. (D) The plural of 'city' is 'cities', and a plural subject takes 'are', so the answer is "cities are".
- Q33. (C) The missing number is $179 - 128 = 51$.
- Q34. (D) $3 \times 9 = 27$ samosas in all, and $27 - 6 = 21$ are left.
- Q35. (B) The plural of 'goose' is 'geese', and a plural subject takes 'are', so the answer is "geese are".

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