

Class 2 · 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. Count forward in 3s: 18, 21, 24, 27, ____

- (A) 30 (B) 31 (C) 33 (D) 29

Q2. Find the next number in the pattern: 10, 13, 16, 19, ____

- (A) 19 (B) 22 (C) 25 (D) 23

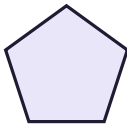
Q3. Which number comes just after 738?

- (A) 741 (B) 739 (C) 738 (D) 740

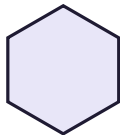
Q4. Count backward in 5s: 65, 60, 55, 50, ____

- (A) 40 (B) 45 (C) 46 (D) 50

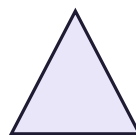
Q5. Which of these figures has exactly 6 lines of symmetry?



(A)



(B)



(C)



(D)

Q6. If today is Friday, what day is two days after today?

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

Q7. In a row of 21 children, Imran is 16th from the left end. What is Imran's position from the right end?

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

Q8. Which of these numbers is the smallest?

- (A) 887 (B) 1087 (C) 983 (D) 409

Q9. Look at the pattern: circle, triangle, circle, triangle, circle, ____ . Which shape comes next?

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

Q10. Count forward in 5s: 20, 25, 30, 35, ____

- (A) 45 (B) 41 (C) 39 (D) 40

Mathematical Reasoning

10 questions · 1 mark each · 10 marks

Q11. $5 \times 5 = ?$

- (A) 25 (B) 20 (C) 26 (D) 30

Q12. $95,862 - 61,574 = ?$

- (A) 35,288 (B) 34,288 (C) 34,388 (D) 34,278

Q13. $366 + 241 = ?$

- (A) 607 (B) 617 (C) 597 (D) 608

Q14. In the number 34, what is the digit in the ones place?

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

Q15. How many sides does a pentagon have?

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

Q16. At 6 a.m. the temperature was 18°C . By noon it had risen by 10°C , and by night it had fallen by 2°C . What was the temperature at night?

- (A) 26°C (B) 24°C (C) 28°C (D) 27°C

Q17. Arrange 296, 195, 102 from smallest to greatest.

- (A) $195 < 296 < 102$ (B) $102 < 195 < 296$
(C) $102 < 296 < 195$ (D) $296 < 195 < 102$

Q18. $10 \times 4 = ?$

- (A) 50 (B) 40 (C) 41 (D) 36

Q19. $24,568 - 9,514 = ?$

- (A) 15,154 (B) 16,054 (C) 15,044 (D) 15,054

Q20. $232 + 338 = ?$

- (A) 580 (B) 571 (C) 570 (D) 560

Everyday Mathematics

10 questions · 1 mark each · 10 marks

Q21. 20 balloons are shared equally among 4 children. How many does each child get?

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

Q22. A pencil costs ₹ 52 and an eraser costs ₹ 41. What is the total cost?

- (A) ₹ 88 (B) ₹ 93 (C) ₹ 11 (D) ₹ 98

Q23. Sameer had 53 pencils and gave away 19. How many pencils are left?

- (A) 34 (B) 32 (C) 53 (D) 36

Q24. It is 11 o'clock now. What time will it be 1 hour(s) later?

- (A) 12 o'clock (B) 11 o'clock (C) 13 o'clock (D) 14 o'clock

Q25. A book has 143 pages. Ritu reads 12 pages every day for 9 days. How many pages are still left?

- (A) 40 (B) 108 (C) 35 (D) 30

Q26. A shopkeeper sells 18 kg of rice at ₹ 34 per kg. How much money does he receive?

- (A) ₹ 630 (B) ₹ 512 (C) ₹ 612 (D) ₹ 712

- Q27. 8 biscuits are shared equally among 2 children. How many does each child get?
 (A) 3 (B) 5 (C) 4 (D) 2
- Q28. A pencil costs ₹ 12 and an eraser costs ₹ 14. What is the total cost?
 (A) ₹ 21 (B) ₹ 31 (C) ₹ 26 (D) ₹ 2
- Q29. Ayesha had 31 chocolates and gave away 12. How many chocolates are left?
 (A) 31 (B) 19 (C) 21 (D) 17
- Q30. It is 6 o'clock now. What time will it be 3 hour(s) later?
 (A) 6 o'clock (B) 9 o'clock (C) 10 o'clock (D) 11 o'clock

Achievers Section

5 questions · 2 marks each · 10 marks

- Q31. Choose the correct form: "The ____ playing in the park." (use the plural of 'tooth')
 (A) tooths are (B) teeth is (C) teeth are (D) tooth are
- Q32. $41 + \underline{\quad} = 96$
 (A) 45 (B) 55 (C) 96 (D) 65
- Q33. There are 5 boxes with 8 samosas in each box. If 14 samosas are eaten, how many are left?
 (A) 26 (B) 23 (C) 40 (D) 29
- Q34. Choose the correct form: "The ____ playing in the park." (use the plural of 'woman')
 (A) women is (B) woman are (C) womans are (D) women are
- Q35. $28 + \underline{\quad} = 115$
 (A) 97 (B) 77 (C) 115 (D) 87

Answer Key

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

Solutions

- Q1. (A) Adding 3 to 27 gives 30.
- Q2. (B) Each number is 3 more than the one before it, so the next is $19 + 3 = 22$.
- Q3. (B) The number just after 738 is 739.
- Q4. (B) Subtracting 5 from 50 gives 45.
- Q5. (B) Counting lines of symmetry: regular pentagon has 5, regular hexagon has 6, equilateral triangle has 3, rectangle has 2. The answer is figure (B).

- Q6. (D) Counting 2 day(s) on from Friday gives Sunday.
- Q7. (D) Position from the right = total - position from the left + 1 = $21 - 16 + 1 = 6$ th.
- Q8. (D) Comparing 409, 887, 983, 1087, the smallest is 409.
- Q9. (C) The pattern repeats circle then triangle over and over, so after circle comes triangle.
- Q10. (D) Adding 5 to 35 gives 40.
- Q11. (A) 5 multiplied by 5 is 25.
- Q12. (B) $95,862 - 61,574 = 34,288$.
- Q13. (A) $366 + 241 = 607$.
- Q14. (C) 34 is 3 ten(s) and 4 one(s), so the ones digit is 4.
- Q15. (C) A pentagon has 5 sides.
- Q16. (A) $18 + 10 = 28$, then $28 - 2 = 26^{\circ}\text{C}$.
- Q17. (B) In order, $102 < 195 < 296$.
- Q18. (B) 10 multiplied by 4 is 40.
- Q19. (D) $24,568 - 9,514 = 15,054$.
- Q20. (C) $232 + 338 = 570$.
- Q21. (C) 20 divided by 4 is 5.
- Q22. (B) $52 + 41 = ₹ 93$.
- Q23. (A) $53 - 19 = 34$.
- Q24. (A) $11 + 1 = 12$, so the time will be 12 o'clock.
- Q25. (C) She reads $12 \times 9 = 108$ pages, so $143 - 108 = 35$ pages are left.
- Q26. (C) $18 \times 34 = ₹ 612$.
- Q27. (C) 8 divided by 2 is 4.
- Q28. (C) $12 + 14 = ₹ 26$.
- Q29. (B) $31 - 12 = 19$.
- Q30. (B) $6 + 3 = 9$, so the time will be 9 o'clock.
- Q31. (C) The plural of 'tooth' is 'teeth', and a plural subject takes 'are', so the answer is "teeth are".
- Q32. (B) The missing number is $96 - 41 = 55$.
- Q33. (A) $5 \times 8 = 40$ samosas in all, and $40 - 14 = 26$ are left.
- Q34. (D) The plural of 'woman' is 'women', and a plural subject takes 'are', so the answer is "women are".
- Q35. (D) The missing number is $115 - 28 = 87$.

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