

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. Which number comes just after 488?

- (A) 488 (B) 491 (C) 489 (D) 490

Q2. Which of these numbers is the greatest?

- (A) 390 (B) 606 (C) 669 (D) 971

Q3. In a row of 15 children, Tara is 8th from the left end. What is Tara's position from the right end?

- (A) 8th (B) 10th (C) 9th (D) 7th

Q4. If today is Tuesday, what day is the day after today?

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

Q5. Find the next number in the pattern: 11, 15, 19, 23, ____

- (A) 31 (B) 28 (C) 27 (D) 23

Q6. Count backward in 5s: 45, 40, 35, 30, ____

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

Q7. Look at the pattern: square, triangle, square, triangle, square, ____ . Which shape comes next?

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

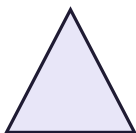
Q8. Count forward in 10s: 50, 60, 70, 80, ____

- (A) 100 (B) 91 (C) 89 (D) 90

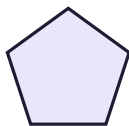
Q9. Find the odd one out: 10, 24, 32, 36, 40

- (A) 36 (B) 24 (C) 40 (D) 10

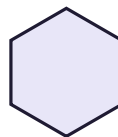
Q10. Which of these figures has exactly 5 lines of symmetry?



(A)



(B)



(C)



(D)

Mathematical Reasoning

10 questions · 1 mark each · 10 marks

Q11. $164 + 15 = ?$

(A) 179

(B) 180

(C) 169

(D) 189

Q12. Arrange 100, 242, 248 from smallest to greatest.

(A) $100 < 242 < 248$

(B) $242 < 100 < 248$

(C) $248 < 242 < 100$

(D) $248 < 100 < 242$

Q13. At 6 a.m. the temperature was 16°C . By noon it had risen by 8°C , and by night it had fallen by 4°C . What was the temperature at night?

(A) 22°C

(B) 18°C

(C) 20°C

(D) 24°C

Q14. How many sides does a rectangle have?

(A) 5

(B) 6

(C) 3

(D) 4

Q15. $97,927 - 22,267 = ?$

(A) 75,660

(B) 75,760

(C) 76,660

(D) 75,650

Q16. In the number 52, what is the digit in the ones place?

(A) 2

(B) 4

(C) 3

(D) 5

Q17. $2 \times 5 = ?$

(A) 12

(B) 5

(C) 11

(D) 10

Q18. $34 + 297 = ?$

(A) 321

(B) 332

(C) 331

(D) 341

Q19. Arrange 46, 205, 250 from smallest to greatest.

(A) $205 < 46 < 250$

(B) $250 < 205 < 46$

(C) $250 < 46 < 205$

(D) $46 < 205 < 250$

Q20. At 6 a.m. the temperature was 14°C . By noon it had risen by 9°C , and by night it had fallen by 4°C . What was the temperature at night?

(A) 21°C

(B) 17°C

(C) 19°C

(D) 23°C

Everyday Mathematics

10 questions · 1 mark each · 10 marks

Q21. A pencil costs ₹ 57 and an eraser costs ₹ 15. What is the total cost?

(A) ₹ 42

(B) ₹ 67

(C) ₹ 77

(D) ₹ 72

Q22. A shopkeeper sells 14 kg of rice at ₹ 42 per kg. How much money does he receive?

(A) ₹ 602

(B) ₹ 488

(C) ₹ 588

(D) ₹ 688

Q23. A book has 228 pages. Ritu reads 29 pages every day for 7 days. How many pages are still left?

(A) 203

(B) 20

(C) 30

(D) 25

Q24. Sameer had 25 pencils and gave away 9. How many pencils are left?

(A) 16

(B) 18

(C) 14

(D) 25

Q25. It is 2 o'clock now. What time will it be 2 hour(s) later?

(A) 2 o'clock

(B) 4 o'clock

(C) 5 o'clock

(D) 6 o'clock

Q26. 28 balloons are shared equally among 4 children. How many does each child get?

- (A) 8 (B) 6 (C) 7 (D) 4

Q27. A pencil costs ₹ 17 and an eraser costs ₹ 28. What is the total cost?

- (A) ₹ 45 (B) ₹ 50 (C) ₹ 40 (D) ₹ 11

Q28. A shopkeeper sells 14 kg of rice at ₹ 46 per kg. How much money does he receive?

- (A) ₹ 644 (B) ₹ 544 (C) ₹ 658 (D) ₹ 744

Q29. A book has 73 pages. Ritu reads 12 pages every day for 5 days. How many pages are still left?

- (A) 13 (B) 8 (C) 60 (D) 18

Q30. Rohit had 43 chocolates and gave away 12. How many chocolates are left?

- (A) 29 (B) 33 (C) 43 (D) 31

Achievers Section

5 questions · 2 marks each · 10 marks

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

- (A) box are (B) boxs are (C) boxes is (D) boxes are

Q32. There are 8 boxes with 4 apples in each box. If 13 apples are eaten, how many are left?

- (A) 19 (B) 16 (C) 32 (D) 22

Q33. $62 + \underline{\quad} = 109$

- (A) 109 (B) 47 (C) 37 (D) 57

Q34. Choose the correct form: "The ____ playing in the park." (use the plural of 'child')

- (A) child are (B) children are (C) children is (D) childs are

Q35. There are 9 boxes with 8 laddoos in each box. If 63 laddoos are eaten, how many are left?

- (A) 9 (B) 6 (C) 72 (D) 12

Answer Key

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

Solutions

Q1. (C) The number just after 488 is 489.

Q2. (D) Comparing 390, 606, 669, 971, the greatest is 971.

Q3. (A) Position from the right = total - position from the left + 1 = $15 - 8 + 1 = 8$ th.

- Q4. (A) Counting 1 day(s) on from Tuesday gives Wednesday.
- Q5. (C) Each number is 4 more than the one before it, so the next is $23 + 4 = 27$.
- Q6. (B) Subtracting 5 from 30 gives 25.
- Q7. (A) The pattern repeats square then triangle over and over, so after square comes triangle.
- Q8. (D) Adding 10 to 80 gives 90.
- Q9. (D) Every other number is a multiple of 4. 10 is not.
- Q10. (B) Counting lines of symmetry: equilateral triangle has 3, regular pentagon has 5, regular hexagon has 6, square has 4. The answer is figure (B).
- Q11. (A) $164 + 15 = 179$.
- Q12. (A) In order, $100 < 242 < 248$.
- Q13. (C) $16 + 8 = 24$, then $24 - 4 = 20^{\circ}\text{C}$.
- Q14. (D) A rectangle has 4 sides.
- Q15. (A) $97,927 - 22,267 = 75,660$.
- Q16. (A) 52 is 5 ten(s) and 2 one(s), so the ones digit is 2.
- Q17. (D) 2 multiplied by 5 is 10.
- Q18. (C) $34 + 297 = 331$.
- Q19. (D) In order, $46 < 205 < 250$.
- Q20. (C) $14 + 9 = 23$, then $23 - 4 = 19^{\circ}\text{C}$.
- Q21. (D) $57 + 15 = ₹ 72$.
- Q22. (C) $14 \times 42 = ₹ 588$.
- Q23. (D) She reads $29 \times 7 = 203$ pages, so $228 - 203 = 25$ pages are left.
- Q24. (A) $25 - 9 = 16$.
- Q25. (B) $2 + 2 = 4$, so the time will be 4 o'clock.
- Q26. (C) 28 divided by 4 is 7.
- Q27. (A) $17 + 28 = ₹ 45$.
- Q28. (A) $14 \times 46 = ₹ 644$.
- Q29. (A) She reads $12 \times 5 = 60$ pages, so $73 - 60 = 13$ pages are left.
- Q30. (D) $43 - 12 = 31$.
- Q31. (D) The plural of 'box' is 'boxes', and a plural subject takes 'are', so the answer is "boxes are".
- Q32. (A) $8 \times 4 = 32$ apples in all, and $32 - 13 = 19$ are left.
- Q33. (B) The missing number is $109 - 62 = 47$.
- Q34. (B) The plural of 'child' is 'children', and a plural subject takes 'are', so the answer is "children are".
- Q35. (A) $9 \times 8 = 72$ laddoos in all, and $72 - 63 = 9$ are left.

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