STUDENT COPY · SET A

Class 3 · Mathematics Olympiad

Total questions	Total marks	Time	Negative marking
35	40	60 minutes	None

Name: _____ Class/Section: _____ Roll no: _____

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. Your teacher has the answers.
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Logical Reasoning

10 questions · 1 mark each · 10 marks

Q1. Which of these numbers is the greatest?

(A) 1145 (B) 1274 (C) 1939 (D) 1496

Q2. 7 : 49 :: 6 : ___

(A) 25 (B) 49 (C) 36 (D) 12

Q3. Which number comes just before 371?

(A) 371 (B) 369 (C) 370 (D) 373

Q4. In the first row the numbers are 2, 2 and 4. In the second row they are 3, 2 and 6. In the third row they are 6, 2 and ___ . The same rule applies to every row.

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

Q5. Which letter comes next? A, C, F, J, ___

(A) N (B) P (C) M (D) O

Q6. Riya walks 9 m towards north, turns right and walks 2 m, then turns right again and walks 9 m. How far is Riya from the starting point, and in which direction?

(A) 11 m, North (B) 2 m, West (C) 9 m, East (D) 2 m, East

Q7. Count backward in 3s: 27, 24, 21, 18, ___

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

Q8. If RAT is written as 18 - 1 - 20 using the positions of the letters in the alphabet, how is MAP written?

(A) 14 - 2 - 17 (B) 14 - 26 - 11 (C) 13 - 1 - 16 (D) 16 - 1 - 13

Q9. Which of these figures has exactly 2 lines of symmetry?



(A) (B) (C) (D)

Q10. Which letter comes next? C, E, G, I, ___

(A) M (B) J (C) L (D) K

Mathematical Reasoning

10 questions · 1 mark each · 10 marks

Q11. At 6 a.m. the temperature was 13°C. By noon it had risen by 6°C, and by night it had fallen by 5°C. What was the temperature at night?

(A) 19°C (B) 14°C (C) 12°C (D) 16°C

Q12. 5,176 - 1,141 = ?

(A) 4,135 (B) 4,025 (C) 4,036 (D) 4,035

Q13. Find the next number: 2, 6, 12, 20, 30, ___

(A) 40 (B) 44 (C) 48 (D) 42

Q14. 502 + 691 = ?

(A) 1,183 (B) 1,193 (C) 1,203 (D) 1,194

Q15. 1,750 ÷ 10 = ?

(A) 185 (B) 176 (C) 165 (D) 175

Q16. What is the place value of 8 in the number 4,20,842?

(A) 8,000 (B) 800 (C) 8 (D) 80

Q17. 213 × 9 = ?

(A) 2,017 (B) 1,917 (C) 1,908 (D) 2,130

Q18. In the number 31, what is the digit in the ones place?

(A) 0 (B) 1 (C) 3 (D) 2

Q19. Round 19,782 to the nearest thousand.

(A) 21,000 (B) 19,000 (C) 20,000 (D) 19,800

Q20. How many sides does a pentagon have?

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

Everyday Mathematics

10 questions · 1 mark each · 10 marks

Q21. It is 10 o'clock now. What time will it be 4 hours later?

(A) 3 o'clock (B) 10 o'clock (C) 2 o'clock (D) 4 o'clock

Q22. A train leaves at 7:15 a.m. and reaches its destination at 1:36 p.m. on the same day. How long is the journey?

(A) 6 h 21 min (B) 6 h 31 min (C) 5 h 21 min (D) 7 h 21 min

Q23. A rope 16 m long is cut into pieces each 80 cm long. How many complete pieces are obtained?

(A) 18 (B) 25 (C) 20 (D) 22

Q24. Rohit had 42 marbles and gave away 7. How many marbles are left?

(A) 33 (B) 42 (C) 35 (D) 37

Q25. A shopkeeper sells 14 kg of rice at ₹ 49 per kg. How much money does he receive?

(A) ₹ 786 (B) ₹ 686 (C) ₹ 586 (D) ₹ 700

Q26. One dozen pens cost ₹ 204. What is the cost of 9 pens?

(A) ₹ 153 (B) ₹ 136 (C) ₹ 170 (D) ₹ 187

Q27. A pencil costs ₹ 15 and an eraser costs ₹ 42. What is the total cost?

(A) ₹ 62 (B) ₹ 27 (C) ₹ 52 (D) ₹ 57

Q28. A book has 117 pages. Ritu reads 15 pages every day for 4 days. How many pages are still left?

(A) 62 (B) 57 (C) 60 (D) 52

Q29. 77 toffees are shared equally among 7 children. How many does each child get?

(A) 10 (B) 7 (C) 11 (D) 12

Q30. It is 3 o'clock now. What time will it be 1 hour later?

(A) 4 o'clock (B) 6 o'clock (C) 5 o'clock (D) 3 o'clock

Achievers Section

5 questions · 2 marks each · 10 marks

Q31. Using each of the digits 5, 4, 0, 7 exactly once, what is the smallest 4-digit number that can be formed?

(A) 7540 (B) 4057 (C) 4066 (D) 0457

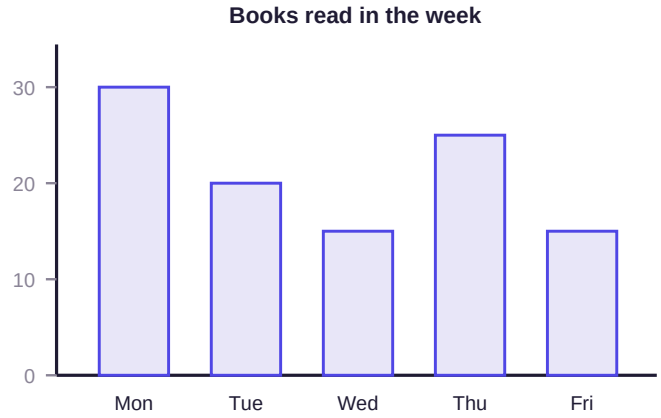
Q32. 37 + ___ = 57

(A) 30 (B) 57 (C) 10 (D) 20

Q33. There are 5 boxes with 10 apples in each box. If 40 apples are eaten, how many are left?

(A) 13 (B) 7 (C) 50 (D) 10

Q34. The bar graph shows the number of books read by a class on each day of one week. How many books were read in the whole week?



(A) 110 (B) 115 (C) 100 (D) 105

Q35. Using each of the digits 8, 4, 0, 7 exactly once, what is the smallest 4-digit number that can be formed?

(A) 0478 (B) 4078 (C) 8740 (D) 4087

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