STUDENT COPY · SET B

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. If TIN is written as 20 - 9 - 14 using the positions of the letters in the alphabet, how is CAT written?

(A) 24 - 26 - 7 (B) 3 - 1 - 20 (C) 20 - 1 - 3 (D) 4 - 2 - 21

Q2. Which number comes just before 616?

(A) 618 (B) 614 (C) 615 (D) 616

Q3. 6 : 36 :: 8 : ___

(A) 16 (B) 49 (C) 64 (D) 81

Q4. Which of these numbers is the smallest?

(A) 1042 (B) 870 (C) 1582 (D) 908

Q5. Find the next number in the pattern: 5, 8, 11, 14, ___

(A) 18 (B) 20 (C) 14 (D) 17

Q6. Riya walks 7 m towards north, turns right and walks 8 m, then turns right again and walks 7 m. How far is Riya from the starting point, and in which direction?

(A) 15 m, North (B) 8 m, East (C) 8 m, West (D) 7 m, East

Q7. Which of these figures has exactly 4 lines of symmetry?



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

Q8. In the first row the numbers are 2, 5 and 9. In the second row they are 4, 2 and 8. In the third row they are 4, 4 and ___ . The same rule applies to every row.

(A) 10 (B) 9 (C) 12 (D) 11

Q9. Count backward in 5s: 40, 35, 30, 25, ___

(A) 21 (B) 25 (C) 15 (D) 20

Q10. All but one of these numbers are multiples of the same number. Find the one that is not: 8, 26, 32, 36, 44

(A) 44 (B) 32 (C) 26 (D) 36

Mathematical Reasoning

10 questions · 1 mark each · 10 marks

Q11. Round 1,824 to the nearest thousand.

(A) 2,000 (B) 1,000 (C) 1,800 (D) 3,000

Q12. 9 × 8 = ?

(A) 72 (B) 64 (C) 73 (D) 81

Q13. 1,036 ÷ 7 = ?

(A) 148 (B) 149 (C) 138 (D) 158

Q14. 155 × 14 = ?

(A) 2,170 (B) 2,270 (C) 2,156 (D) 2,325

Q15. In the number 88, what is the digit in the ones place?

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

Q16. 856 + 99 = ?

(A) 956 (B) 945 (C) 965 (D) 955

Q17. At 6 a.m. the temperature was 20°C. By noon it had risen by 10°C, and by night it had fallen by 6°C. What was the temperature at night?

(A) 22°C (B) 26°C (C) 30°C (D) 24°C

Q18. How many sides does a hexagon have?

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

Q19. 5,474 - 4,934 = ?

(A) 550 (B) 540 (C) 640 (D) 530

Q20. Arrange 56, 416, 437 from smallest to greatest.

(A) 56 < 416 < 437 (B) 416 < 56 < 437

(C) 437 < 56 < 416 (D) 437 < 416 < 56

Everyday Mathematics

10 questions · 1 mark each · 10 marks

Q21. A book has 277 pages. Ritu reads 42 pages every day for 6 days. How many pages are still left?

(A) 30 (B) 20 (C) 252 (D) 25

Q22. A pencil costs ₹ 60 and an eraser costs ₹ 27. What is the total cost?

(A) ₹ 87 (B) ₹ 82 (C) ₹ 92 (D) ₹ 33

Q23. 15 biscuits are shared equally among 5 children. How many does each child get?

(A) 2 (B) 3 (C) 4 (D) 5

Q24. A shopkeeper sells 13 kg of rice at ₹ 47 per kg. How much money does he receive?

(A) ₹ 624 (B) ₹ 511 (C) ₹ 611 (D) ₹ 711

Q25. A rope 18.4 m long is cut into pieces each 80 cm long. How many complete pieces are obtained?

(A) 28 (B) 25 (C) 21 (D) 23

Q26. Sameer had 57 mangoes and gave away 8. How many mangoes are left?

(A) 47 (B) 51 (C) 49 (D) 57

Q27. One dozen pens cost ₹ 48. What is the cost of 3 pens?

(A) ₹ 12 (B) ₹ 20 (C) ₹ 16 (D) ₹ 8

Q28. It is 2 o'clock now. What time will it be 4 hours later?

(A) 2 o'clock (B) 6 o'clock (C) 8 o'clock (D) 7 o'clock

Q29. A train leaves at 6:10 a.m. and reaches its destination at 8:43 a.m. on the same day. How long is the journey?

(A) 2 h 43 min (B) 2 h 33 min (C) 1 h 33 min (D) 3 h 33 min

Q30. A book has 165 pages. Ritu reads 17 pages every day for 8 days. How many pages are still left?

(A) 24 (B) 29 (C) 136 (D) 34

Achievers Section

5 questions · 2 marks each · 10 marks

Q31. Using each of the digits 8, 2, 0, 1 exactly once, what is the smallest 4-digit number that can be formed?

(A) 8210 (B) 1037 (C) 1028 (D) 0128

Q32. 34 + ___ = 57

(A) 33 (B) 23 (C) 13 (D) 57

Q33. There are 6 boxes with 9 oranges in each box. If 15 oranges are eaten, how many are left?

(A) 54 (B) 36 (C) 42 (D) 39

Q34. Using each of the digits 2, 0, 9, 8 exactly once, what is the smallest 4-digit number that can be formed?

(A) 2089 (B) 0289 (C) 9820 (D) 2098

Q35. 157 + ___ = 176

(A) 19 (B) 29 (C) 9 (D) 176

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