STUDENT COPY · SET B

Class 4 · Reasoning 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

30 questions · 1 mark each · 30 marks

Q1. In the first row the numbers are 5, 4 and 10. In the second row they are 2, 2 and 5. In the third row they are 5, 2 and ___ . The same rule applies to every row.

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

Q2. Which of these figures has exactly 3 lines of symmetry?



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

Q3. Which number comes just after 590?

(A) 592 (B) 593 (C) 590 (D) 591

Q4. In a row of 26 children, Tara is 4th from the left end. What is Tara's position from the right end?

(A) 24th (B) 25th (C) 22nd (D) 23rd

Q5. Hunger : Food :: Thirst : ___

(A) Shade (B) Sleep (C) Air (D) Water

Q6. Which letter comes next? C, E, H, L, ___

(A) Q (B) P (C) R (D) O

Q7. Find the next number in the pattern: 3, 8, 18, 38, ___

(A) 79 (B) 80 (C) 76 (D) 78

Q8. Which letter comes next? C, F, I, L, ___

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

Q9. In a certain code JAR is written as NEV. How is SUN written in that code?

(A) RYW (B) XZS (C) OQJ (D) WYR

Q10. Pointing to a boy in a photograph, Vikram said, “This boy is not me, but he is the son of my paternal grandfather’s only son.” How is the boy related to Vikram?

(A) Uncle (B) Nephew (C) Brother (D) Cousin

Q11. Anita walks 6 m towards north, turns right and walks 8 m, then turns right again and walks 6 m. How far is Anita from the starting point, and in which direction?

(A) 14 m, North (B) 6 m, East (C) 8 m, West (D) 8 m, East

Q12. 4 : 16 :: 5 : ___

(A) 25 (B) 10 (C) 16 (D) 36

Q13. If the 10th of a month is a Monday, what day of the week is the 21st of the same month?

(A) Sunday (B) Thursday (C) Saturday (D) Friday

Q14. In the first row the numbers are 6, 4 and 11. In the second row they are 2, 5 and 8. In the third row they are 4, 4 and ___ . The same rule applies to every row.

(A) 11 (B) 9 (C) 8 (D) 10

Q15. Which number comes just before 1820?

(A) 1820 (B) 1818 (C) 1819 (D) 1822

Q16. In a row of 25 children, Imran is 8th from the left end. What is Imran’s position from the right end?

(A) 18th (B) 19th (C) 20th (D) 17th

Q17. If FAN is written as 6 - 1 - 14 using the positions of the letters in the alphabet, how is CAT written?

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

Q18. Bird : Nest :: Bee : ___

(A) Hive (B) Burrow (C) Cave (D) Web

Q19. Which letter comes next? E, G, J, N, ___

(A) Q (B) R (C) T (D) S

Q20. Find the next number in the pattern: 5, 13, 29, 61, ___

(A) 123 (B) 122 (C) 125 (D) 128

Q21. Which letter comes next? B, D, F, H, ___

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

Q22. In a certain code FAN is written as JER. How is SUN written in that code?

(A) OQJ (B) WYR (C) XZS (D) RYW

Q23. All but one of these numbers are multiples of the same number. Find the one that is not: 26, 27, 45, 90, 99

(A) 45 (B) 90 (C) 26 (D) 27

Q24. Riya walks 4 m towards north, turns right and walks 6 m, then turns right again and walks 4 m. How far is Riya from the starting point, and in which direction?

(A) 6 m, East (B) 6 m, West (C) 4 m, East (D) 10 m, North

Q25. 4 : 16 :: 9 : ___

(A) 81 (B) 18 (C) 100 (D) 64

Q26. If the 12th of a month is a Saturday, what day of the week is the 29th of the same month?

(A) Tuesday (B) Thursday (C) Wednesday (D) Monday

Q27. In the first row the numbers are 5, 6 and 14. In the second row they are 5, 2 and 10. In the third row they are 3, 2 and ___ . The same rule applies to every row.

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

Q28. Which number comes just before 720?

(A) 718 (B) 719 (C) 722 (D) 720

Q29. In a row of 16 children, Tara is 9th from the left end. What is Tara's position from the right end?

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

Q30. If DOG is written as 4 - 15 - 7 using the positions of the letters in the alphabet, how is SUN written?

(A) 8 - 6 - 13 (B) 14 - 21 - 19 (C) 19 - 21 - 14 (D) 20 - 22 - 15

Achievers Section

5 questions · 2 marks each · 10 marks

Q31. In a code, every letter is replaced by the next letter in the alphabet. If LAMP is written as MBNQ, how is BIRD written?

(A) CJTF (B) CHSE (C) CJRD (D) CJSE

Q32. Find the next number: 5, 7, 11, 17, 25, ___

(A) 35 (B) 36 (C) 33 (D) 37

Q33. In dictionary order, where words are compared letter by letter, which word comes third: mango, marble, map, mat?

(A) marble (B) mat (C) mango (D) map

Q34. Find the missing term: AZ, BY, CX, DW, ?

(A) FV (B) EV (C) EW (D) EX

Q35. Aman walks 6 steps east, then 4 steps north, then 6 steps west. Where is he from his starting point?

(A) 4 steps south (B) 6 steps west

(C) 6 steps east (D) 4 steps north

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