STUDENT COPY · SET B

Class 3 · 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.
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.

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Logical Reasoning

30 questions · 1 mark each · 30 marks

Q1. 7 : 49 :: 13 : ___

(A) 169 (B) 144 (C) 26 (D) 196

Q2. Which of these figures has exactly 2 lines of symmetry?



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

Q3. Which number comes just before 258?

(A) 260 (B) 257 (C) 258 (D) 256

Q4. In the first row the numbers are 2, 2 and 4. In the second row they are 5, 2 and 10. In the third row they are 2, 4 and ___ . The same rule applies to every row.

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

Q5. Arjun walks 3 m towards north, turns right and walks 8 m, then turns right again and walks 3 m. How far is Arjun from the starting point, and in which direction?

(A) 8 m, East (B) 8 m, West (C) 11 m, North (D) 3 m, East

Q6. In a row of 25 children, Imran is 4th from the left end. What is Imran's position from the right end?

(A) 24th (B) 22nd (C) 21st (D) 23rd

Q7. If DOG is written as 4 - 15 - 7 using the positions of the letters in the alphabet, how is INK written?

(A) 18 - 13 - 16 (B) 11 - 14 - 9 (C) 10 - 15 - 12 (D) 9 - 14 - 11

Q8. Which letter comes next? C, E, H, L, ___

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

Q9. All but one of these numbers are multiples of the same number. Find the one that is not: 47, 63, 72, 81, 99

(A) 63 (B) 47 (C) 99 (D) 72

Q10. Find the next number in the pattern: 9, 15, 21, 27, ___

(A) 34 (B) 27 (C) 39 (D) 33

Q11. Look at the pattern: star, circle, star, circle, star, ___ . Which shape comes next?

(A) oval (B) circle (C) star (D) hexagon

Q12. If today is Saturday, what day is the day after today?

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

Q13. Count forward in 3s: 6, 9, 12, 15, ___

(A) 19 (B) 18 (C) 17 (D) 21

Q14. Count backward in 5s: 65, 60, 55, 50, ___

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

Q15. Which letter comes next? O, Q, S, U, ___

(A) V (B) X (C) W (D) Y

Q16. 4 : 16 :: 5 : ___

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

Q17. Which number comes just before 225?

(A) 225 (B) 224 (C) 223 (D) 227

Q18. Meera walks 4 m towards north, turns right and walks 5 m, then turns right again and walks 4 m. How far is Meera from the starting point, and in which direction?

(A) 5 m, West (B) 4 m, East (C) 5 m, East (D) 9 m, North

Q19. In a row of 17 children, Sana is 10th from the left end. What is Sana's position from the right end?

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

Q20. If TIN is written as 20 - 9 - 14 using the positions of the letters in the alphabet, how is BAG written?

(A) 7 - 1 - 2 (B) 3 - 2 - 8 (C) 2 - 1 - 7 (D) 25 - 26 - 20

Q21. All but one of these numbers are multiples of the same number. Find the one that is not: 14, 28, 35, 50, 63

(A) 14 (B) 28 (C) 35 (D) 50

Q22. Find the next number in the pattern: 8, 15, 22, 29, ___

(A) 29 (B) 36 (C) 37 (D) 43

Q23. Count forward in 10s: 40, 50, 60, 70, ___

(A) 81 (B) 90 (C) 79 (D) 80

Q24. Which of these numbers is the smallest?

(A) 1918 (B) 763 (C) 1947 (D) 1131

Q25. Count backward in 10s: 70, 60, 50, 40, ___

(A) 20 (B) 40 (C) 31 (D) 30

Q26. Which letter comes next? C, G, K, O, ___

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

Q27. 5 : 25 :: 3 : ___

(A) 16 (B) 6 (C) 4 (D) 9

Q28. Which of these figures has exactly 4 lines of symmetry?



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

Q29. Which number comes just after 421?

(A) 423 (B) 424 (C) 421 (D) 422

Q30. In the first row the numbers are 2, 2 and 4. In the second row they are 6, 5 and 30. In the third row they are 2, 5 and ___ . The same rule applies to every row.

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

Achievers Section

5 questions · 2 marks each · 10 marks

Q31. Which pair is the odd one out? Each correct pair shows something we get from that animal.

(A) honey-goat (B) milk-cow (C) wool-sheep (D) egg-hen

Q32. Foot is to shoe as hand is to __.

(A) glove (B) sock (C) cap (D) belt

Q33. In Meena's code, a word is written from last letter to first letter. How will TRAIN be coded?

(A) TRIAN (B) NIRAT (C) NIART (D) NAIRT

Q34. Which pair is the odd one out? In the other pairs, the second number is double the first number.

(A) 9-16 (B) 6-12 (C) 7-14 (D) 4-8

Q35. Four children stand in a line. Neel is between Tara and Uma. Tara is first. Ravi is just after Uma. Which order from left to right is possible?

(A) Neel-Tara-Uma-Ravi (B) Tara-Neel-Uma-Ravi

(C) Tara-Uma-Neel-Ravi (D) Tara-Neel-Ravi-Uma

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