STUDENT COPY · SET A

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

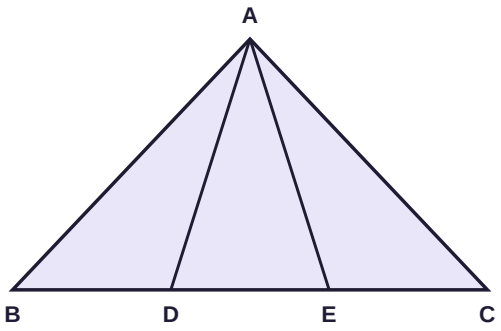
Q1. Which number comes just before 1077?

(A) 1076 (B) 1075 (C) 1079 (D) 1077

Q2. Which of these numbers is the greatest?

(A) 1453 (B) 515 (C) 978 (D) 2017

Q3. How many triangles are there in the given figure?



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

Q4. Which letter comes next? D, F, I, M, ___

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

Q5. All but one of these numbers are multiples of the same number. Find the one that is not: 27, 45, 68, 72, 90

(A) 45 (B) 68 (C) 27 (D) 72

Q6. If TIN is written as 20 - 9 - 14 using the positions of the letters in the alphabet, how is BUS written?

(A) 19 - 21 - 2 (B) 2 - 21 - 19 (C) 3 - 22 - 20 (D) 25 - 6 - 8

Q7. If today is Friday, what day is two days after today?

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

Q8. Which of these figures has exactly 3 lines of symmetry?



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

Q9. Which letter comes next? J, L, N, P, ___

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

Q10. Count backward in 2s: 26, 24, 22, 20, ___

(A) 19 (B) 16 (C) 20 (D) 18

Q11. In a row of 22 children, Imran is 6th from the left end. What is Imran's position from the right end?

(A) 18th (B) 19th (C) 17th (D) 16th

Q12. Find the next number in the pattern: 4, 6, 8, 10, ___

(A) 10 (B) 14 (C) 13 (D) 12

Q13. Meera walks 4 m towards north, turns right and walks 6 m, then turns right again and walks 4 m. How far is Meera from the starting point, and in which direction?

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

Q14. Look at the pattern: square, triangle, square, triangle, square, ___ . Which shape comes next?

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

Q15. Count forward in 10s: 30, 40, 50, 60, ___

(A) 71 (B) 80 (C) 70 (D) 69

Q16. 3 : 9 :: 4 : ___

(A) 25 (B) 9 (C) 16 (D) 8

Q17. In the first row the numbers are 4, 5 and 20. In the second row they are 6, 3 and 18. In the third row they are 3, 2 and ___ . The same rule applies to every row.

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

Q18. Which number comes just after 1127?

(A) 1130 (B) 1129 (C) 1128 (D) 1127

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

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

Q20. All but one of these numbers are multiples of the same number. Find the one that is not: 14, 40, 42, 49, 63

(A) 42 (B) 49 (C) 14 (D) 40

Q21. If DOG is written as 4 - 15 - 7 using the positions of the letters in the alphabet, how is CAT written?

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

Q22. If today is Monday, what day is two days after today?

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

Q23. Which of these figures has exactly 5 lines of symmetry?



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

Q24. Which letter comes next? A, D, G, J, ___

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

Q25. In a row of 25 children, Tara is 16th from the left end. What is Tara's position from the right end?

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

Q26. Find the next number in the pattern: 15, 21, 27, 33, ___

(A) 33 (B) 45 (C) 39 (D) 40

Q27. Kabir walks 6 m towards north, turns right and walks 7 m, then turns right again and walks 6 m. How far is Kabir from the starting point, and in which direction?

(A) 6 m, East (B) 13 m, North (C) 7 m, East (D) 7 m, West

Q28. Look at the pattern: circle, square, circle, square, circle, ___ . Which shape comes next?

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

Q29. Count forward in 5s: 30, 35, 40, 45, ___

(A) 49 (B) 51 (C) 50 (D) 55

Q30. 3 : 9 :: 5 : ___

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

Achievers Section

5 questions · 2 marks each · 10 marks

Q31. School bag is to books as lunch box is to __.

(A) books (B) food (C) shoes (D) pencils

Q32. Find the missing number: 5, 7, 10, 12, 15, 17, __.

(A) 20 (B) 22 (C) 19 (D) 21

Q33. A code writes each letter as the next alphabet letter. Which word will be written as QMBZ?

(A) PLAY (B) PLAN (C) CLAY (D) PRAY

Q34. Which letter comes next in this series: A, C, F, J, O, __?

(A) V (B) T (C) U (D) S

Q35. The park is north of the school. The library is east of the park. In which direction is the library from the school?

(A) north-east of the school

(B) south-east of the school

(C) east of the school

(D) north-west of the school

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