

CLASS

2

SAMPLE PAPER

**Science
Olympiad
Foundation**

For Excellence in Science, Maths & IT

INTERNATIONAL MATHEMATICS OLYMPIAD

The actual test paper has 50 questions. Time allowed : 60 minutes. There are 3 sections, 20 questions in section I, 20 in section II and 10 in section III.

Section I : Logical Reasoning, **Section II** : Mathematical Reasoning &

Section III : Everyday Mathematics

SYLLABUS

Numerals and number name, Addition, Multiplication, Division, Fractions, Money, Length (conversions), Weight, Capacity, Time, Point, Line and plane Figures.

1. Largest two digit number is

- (A)

0	1
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 (B)

1	0	0
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 (C)

9	0
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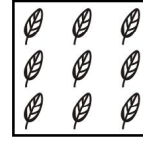
 (D)

9	9
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 (E) None of these.

2. Total number of leaves in the given figure can be found using

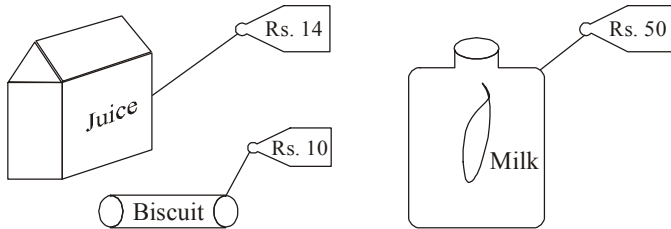
- (A) 3×3 , (B) 3×2 ,
 (C) $3 + 3$, (D) $3 + 3 + 2$,
 (E) None of these.



3. An ant has 6 legs. How many legs do 8 ants have ?

- (A) $6 + 8$ (B) 6×8 (C) $8 - 6$ (D) 8×5 (E) None of these.

4.



What is the total cost of the food items displayed ?

- (A) Rs. 74 (B) Rs. 84 (C) Rs. 64 (D) Rs. 70 (E) None of these.

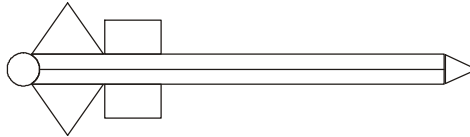
5. What note would you use to pay for a Geometry box costing Rs. 18 ?

- (A) 10 rupee note (B) 20 rupee note (C) 5 rupee note
 (D) 2 rupee note (E) None of these.

6. A leap year is a year that has

- (A) An extra day (B) An extra week (C) An extra month (D) An extra hour (E) None of these.

7. Number of triangles in the given figure



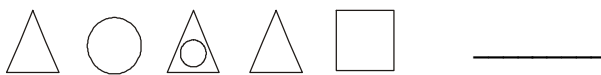
- (A) 3 (B) 4 (C) 5 (D) 0 (E) None of these.

8. What will come next in the sequence ?



- (A) (B) (C) (D) (E) None of these.

9. What will come next in the sequence ?



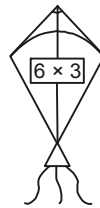
- (A) (B) (C) (D) (E) None of these.

10. Which of the following shows $\frac{1}{4}$ part shaded ?



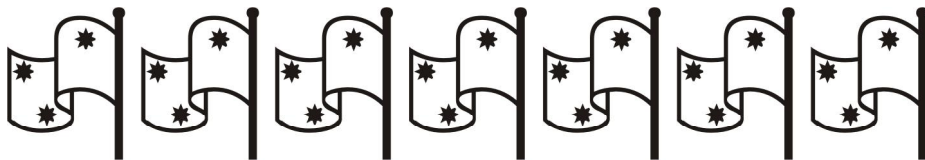
- (A) (B) (C) (D) (E) None of these.

11. In 3278, 2 is in which place ?
 (A) Ones (B) Hundreds (C) Tens (D) Thousands (E) None of these.
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12. 5 Hundreds, 2 Thousands, 1 ones and 5 tens will make
 (A) 2551 (B) 5521 (C) 5251 (D) 1552 (E) None of these.
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13. There are 15 beetles. Ring the beetles into group of 3. How many groups will be formed ?
 (A) 5 (B) 6 (C) 4 (D) 3 (E) None of these.
-
14. When arranged in order from smallest to biggest, which number will be at last position in the sequence?
 21, 12, 79, 63, 36, 47
 (A) 79 (B) 36 (C) 47 (D) 12 (E) None of these.
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15. Anupriya had Rs 90. She bought a pair of scissors for Rs 60. How much amount she has now ?
 (A) Rs. 30 (B) Rs. 40 (C) Rs. 35 (D) Rs. 25 (E) None of these.
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16. Mrs. Tanuja bakes 20 cup cakes. If she packs 4 cup cakes in one box, how many boxes does she need to pack all the cakes ?
 (A) 7 boxes (B) 6 boxes (C) 5 boxes (D) 3 boxes (E) None of these.
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17. The kite flying in the sky belongs to which girl ?



- (A) (B) (C) (D) (E) None of these.

18. There are 3 stars on a flag. There are 7 such flags. How many stars are there altogether ?



- (A) 20 (B) 21 (C) 28 (D) 27 (E) None of these.
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19. Reena has 496 story books. Mona has 388 story books. How many story books do they have in all ?
 (A) $496 - 388$ (B) $496 + 388$ (C) 469×388 (D) $469 \div 388$ (E) None of these.
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20. Which of the following digit in 928 is at hundreds place ?
 (A) 2 (B) 0 (C) 9 (D) 8 (E) None of these.

ANSWERS

1. (D) 2. (A) 3. (B) 4. (A) 5. (B) 6. (A) 7. (A) 8. (B) 9. (C) 10. (C)
 11. (B) 12. (A) 13. (A) 14. (A) 15. (A) 16. (C) 17. (B) 18. (B) 19. (B) 20. (C)