SMETA MATHEMATICS OLYMPIAD

SAMPLE PAPER

GRADE 3-4
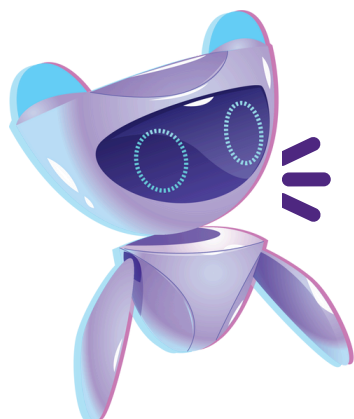
SMETA

OLYMPIADS

INSTRUCTIONS FOR THE PAPER

1. Total Questions: 25
2. Marks Distribution: Each question carries 2 marks.
3. Total Marks: 50
4. Time Allowed: 60 minutes
5. Marking Scheme:
6. Correct Answer: +2 marks
7. Wrong Answer: -1 mark (negative marking applies)
8. Unattempted Questions: No marks deducted
9. General Guidelines:
10. All questions are MCQs-based, with four options provided for each.
11. Read each question carefully and select the correct option (a, b, c, or d).
12. Do not mark two options for a single question; only one answer will be considered.
13. Ensure all answers are marked clearly.
14. Submission Instructions:
15. Attempt all questions within the given time.
16. Recheck your answers before submission to ensure accuracy.
17. Note: Negative marking is applied for incorrect answers, so choose wisely!

BEST OF LUCK!

CHOOSE THE CORRECT ANSWER

1. What is the place value of 3 in the number 4,321?
a) 3 tens
b) 3 hundreds
c) 3 thousand
d) none of these

2. Write 2,504 in words.
a) two thousand and fifty-four
b) two thousand five hundred four
c) twenty-five hundred four
d) two thousand four hundred five

3. What is the smallest 4-digit number you can make using the digits 3, 1, 9, and 4?
a) 1394
b) 4139
c) 1349
d) 9143

4. Which of the following numbers is odd?
a) 1234
b) 6789
c) 2468
d) 1350

5. If you subtract 999 from 1,000, the result is:
a) 10
b) 1
c) 100
d) 0

6. What is 245 + 378?
a) 513
b) 623
c) 543
d) 653

7. A bag has 72 marbles. If 8 marbles are taken out, how many are left?

a) 60

b) 64

c) 56

d) 68

8. Divide 48 by 6.

a) 6

b) 7

c) 8

d) 9

9. Liam has 90 pencils. He gave 37 pencils to his friend. How many pencils does Liam have now?

a) 57

b) 63

c) 52

d) 53

10. If Ali has 36 apples and he gives 12 apples to his friend, how many apples does Ali have left?

a) 24

b) 48

c) 26

d) 12

11. Find the missing number: 2, 6, 10, 14, __.

a) 15

b) 16

c) 18

d) 20

12. Complete the pattern: 5, 10, 20, __, 80.

a) 30

b) 40

c) 50

d) 60

13. Ali drew a shape with 3 sides and 3 corners. What shape did he draw?

a) square

b) rectangle

c) triangle

d) circle

14. Which shape has exactly 4 equal sides and 4 equal angles?

a) rectangle

b) triangle

c) square

d) circle

15. Find the perimeter of a rectangle with length 10 cm and width 5 cm.

a) 20 cm

b) 25 cm

c) 30 cm

d) 50 cm

16. How many lines of symmetry does a square have?

a) 1

b) 2

c) 4

d) 6

17. What comes next in the sequence: 5, 10, 15, 20, ...?

a) 22

b) 25

c) 30

d) 35

18. In a survey, 25 people like chocolate and 30 like vanilla. How many people were surveyed in total?
a) 50
b) 55
c) 60
d) 65

19. In a team, 5 children like chocolate ice cream, 8 like vanilla, and 3 like strawberry. What is the total number of children?
a) 12
b) 13
c) 14
d) 16

20. Choose the odd one out:
a) triangle
b) square
c) cube
d) circle

21. Which number is greater than 78 but less than 82?
a) 75
b) 80
c) 85
d) 90

22. If a clock shows 10:15 AM now, what time will it show after 45 minutes?
a) 10:45 AM
b) 11:00 AM
c) 11:15 AM
d) 11:30 AM

23. A toy costs $30. If you give the cashier $50, how much change will you get?
a) $10
b) $20
c) $30
d) $40

24. Emma bought 3 apples at $2 each and 2 bananas at $1 each. How much did she spend?

a) $6

b) $8

c) $10

d) $12

25. What is 56 - 19?

a) 36

b) 37

c) 38

d) 39

ANSWER KEY

1) Place value of 3 in 4,321?
Answer: b) 3 hundreds
Explanation: The place value of 3 in this number is in the hundreds place.

2) Write 2,504 in words.
Answer: b) Two thousand five hundred four
This is the correct spelling.

3) Smallest 4-digit number with digits 3, 1, 9, 4?
Answer: a) 1349
Form the smallest number by arranging digits in ascending order.

4) Which number is odd?
Answer: b) 6789
All other numbers are even.

5) 1,000 - 999?
Answer: b) 1

6) What is 245 + 378?
Answer: d) 623

7) 72 marbles, 8 taken out. Remaining?
Answer: b) 64

ANSWER KEY

8) 48 divided by 6?
Answer: c) 8

9) 90 pencils - 37 pencils?
Answer: a) 53

10) 36 apples - 12 apples?
Answer: a) 24

11) Next in 2, 6, 10, 14?
Answer: b) 16

12) Complete 5, 10, 20, __, 80.
Answer: b) 40

13) Shape with 3 sides and corners?
Answer: c) Triangle

14) Shape with 4 equal sides and angles?
Answer: c) Square

15) Perimeter of a rectangle (L = 10, W = 5)?
Answer: c) 30 cm
Perimeter = $2 \times (L + W) = 2 \times (10 + 5) = 30$ cm.

16) Lines of symmetry in a square?
Answer: c) 4

ANSWER KEY

17) Next in 5, 10, 15, 20?
Answer: b) 25

18) Survey: 25 like chocolate, 30 like vanilla. Total?
Answer: b) 55

19) 5 children like chocolate, 8 vanilla, 3 strawberry. Total?
Answer: d) 16

20) Odd one out: triangle, square, cube, circle.
Answer: c) Cube
Cube is 3D; others are 2D.

21) Number >78 and <82?
Answer: b) 80

22) 10:15 AM, 45 mins later?
Answer: b) 11:00 AM

23) Toy costs $30, pay $50. Change?
Answer: b) $20

24) 3 apples ($2 each) + 2 bananas ($1 each)?
Answer: b) $8
Cost = (3 × 2) + (2 × 1) = $6 + $2 = $8.

25) 56 - 19?
Answer: b) 37