# Nishant eAcademy

## CBSE Sample Paper Class 7 Mathematics 2021-22

Subject: Mathematics Class: 7 Maximum Marks: 80 Duration: 2 hours

Section A: Multiple Choice Questions (1 mark each)

1. The place value of 4 in the number 645,291 is: (a) Thousand (b) Ten Thousand (c) Hundred Thousand (d) Million

2. Which of the following is a prime number? (a) 12 (b) 19 (c) 30 (d) 44

3. Simplify: 8 ÷ (2 + 3) × 4 (a) 16 (b) 12 (c) 8 (d) 4

Section B: Short Answer Questions (2 marks each)

4. Find the value of $5^2 + 3 × 4$.

5. Find the HCF of 24 and 36 using the prime factorization method.

6. If the cost of 5 pens is ₹120, what will be the cost of 8 pens?

Section C: Long Answer Questions (3 marks each)

7. A rectangular field is 45 meters long and 32 meters wide. Find its perimeter and area.

8. The product of two consecutive even numbers is 168. Find the numbers.

Section D: Application-Based Questions (5 marks each)

9. A bookshelf has 3 shelves. The length of the first shelf is 75 cm, the second shelf is 90 cm, and the third shelf is 1.2 meters. Find the total length of the bookshelf in centimeters.

10. A school has a total of 420 students. Out of these, 60% are boys. How many girls are there in the school?