

Board-ICSE

Class – 6<sup>th</sup>

Topic – Prime & Composite Numbers

## Section A – MCQs (1 mark each)

- Q1. Which of the following is **not** a prime?  
(A) 11 (B) 15 (C) 17 (D) 19
- Q2. The smallest composite number is:  
(A) 1 (B) 2 (C) 3 (D) 4
- Q3. How many prime numbers are there between 30 and 50?  
(A) 4 (B) 5 (C) 6 (D) 7
- Q4. Which is an odd composite number?  
(A) 9 (B) 13 (C) 14 (D) 17
- Q5. What is the only even prime number?  
(A) 2 (B) 4 (C) 6 (D) 8

## Section B – Short Answer (2 marks each)

- Q6. List all prime numbers between 1 and 40.
- Q7. List composite numbers between 50 and 70.
- Q8. Identify twin-prime pairs between 1 and 60.

## Section C – Shorter Answer (3 marks each)

- Q9. Find the sum of all prime numbers less than 60.
- Q10. Is 91 prime or composite? If composite, write its prime factorisation.

## Section D – Long Answer (4 marks each)

- Q11. Find seven consecutive composite numbers less than 200.
- Q12. List prime pairs below 100 that are digit reversals (e.g., 17 71).