



## ASSIGNMENT-10



Marks Obtained: \_\_\_\_\_

Student's Name: \_\_\_\_\_ Section: \_\_\_\_\_

Roll Number: \_\_\_\_\_ Date: \_\_\_\_\_

### A. Fill in the blanks.

- Two prime numbers that differ by 2 are called ..... primes.
- A number is divisible by 9 if the sum of its digits is a multiple of .....
- The number 1 is neither prime nor .....
- A number is divisible by 4 if the number formed by its last two digits is divisible by .....
- A number is divisible by 6 if it is divisible by both ..... and .....

### B. Label True or False.

- The HCF of an even number and an odd number is always an odd number. ....
- The square of a prime number is always a prime number. ....
- The sum of two prime numbers can be a prime number. ....
- The sum of the first 5 prime numbers is an odd number. ....
- 469 is a perfect number. ....

### C. Match the following.

Column I	Column II
1. The smallest odd prime number	(a) 7
2. The only even prime number	(b) 6
3. HCF of 24 and 30	(c) 2
4. A factor of 485	(d) 3
5. A divisor of 1253	(e) 97

### D. Do as directed.

- Ravi has 24 chocolates and 36 toffees. He wants to pack them into identical gift boxes such that each box contains an equal number of chocolates and an equal number of toffees without any leftovers. What is the greatest number of gift boxes he can make, and how many chocolates and toffees will be in each box?