## MCQ

1. The HCF of 7,11 and13 is _____.

    a)  7      b) 77     c) 1

2. Which number is factor of 10?

    a)  3        b) 5        c) 4

3. Which one is multiple of 4?

    a)  33      b) 22    c) 24

4. How many prime numbers are there between 1 and 20.

    a)  8       b) 9       c) 10

5. i) Write first five multiples of 17 .

    ii) Check divisibility of 368954 by 11.

6. What is the smallest number that is divisible by 16,22 and 44?


7. The HCF of two numbers is 4 and the LCM is 80. If one number is 20 then find the other number.


8. Find LCM if the product of the two numbers is 4025 and HCF is 25.

9. Verify the relationship of 24 and 48 with their HCF and LCM.


10. **Case study**

        Rachel has 24 red candies and Maya has 18 green candies. They want to arrange the candies in such a way that each row contains equal number of candies and also each row should have only red candies or green candies.

a)What is the greatest number of candies that can be arranged in each row?

b) Make prime factors of 24 by factor tree method.

c) Make prime factors of 18 by prime factorisation method.

d) Express 24 as the sum of two primes numbers.