

Worksheet for Subject – Maths

Class -x

Topic – Real Number

### Worksheet-02

- Express each number as a product of its prime factors:
  - 468,
  - 945
  - 68
  - 1001
- Find the least positive integer divisible by 20 and 24. (LCM)
- What is the LCM(120,72), if HCF(120,72) is 24?
- Find the HCF and LCM of following pairs and verify that  $HCF \times LCM = \text{product of two given numbers}$ .
  - 96, 404
  - 90, 144
  - 144, 180
  - 16, 25
- A sweetseller has 420 *kaju barfis* and 130 *badam barfis*. She wants to stack them in such a way that each stack has the same number, and they take up the least area of the tray. What is the number of that can be placed in each stack for this purpose?
- Find the LCM and HCF of following numbers by the prime factorisation method.
  - 15, 21, 12
  - 24, 15, 36
  - 17, 23, 19