

X Test-1

- 1) The HCF(p, q) = — ; where p and q are two distinct prime numbers.
(a) 2 (b) 0 (c) either 1 or 2 (d) 1
- 2) The LCM(a, b) = — ; where a and b are two distinct prime numbers
(a) 1 (b) a (c) b (d) ab
- 3) The sum of the factors of a prime number p is —
(a) p (b) 1 (c) $p+1$ (d) $p-1$
- 4) The LCM of the smallest two digit composite number and the smallest composite number is —
(a) 12 (b) 20 (c) 4 (d) 44
- 5) The HCF of smallest prime number and the smallest composite number is —
(a) 2 (b) 4 (c) 6 (d) 8