



Dnyansagar Coaching Classes, A'nagar

Unit Test

Std. 6th (Semi/EM)

Sub- Math

Chapter- 1 (Divisibility)

Time - 1 hrs

Max Marks - 20

- Q.1 Solve the following.**
- A) Write down all the divisors of the following numbers. (any two) 02**
i) 4 ii) 18 iii) 36 iv) 30
- B) Use divisibility tests to determine whether the following number are divisible by 2, 3, 4, 5, 6, 9 or 11 (any two) 02**
i) 6 ii) 100 iii) 23 iv) 15
- C) Determine whether the following numbers are prime or composite.(any two) 02**
i) 6 ii) 100 iii) 23 iv) 15
- Q.2 A) Solve the following. (any three) 03**
i) Which is the number neither prime nor composite?
ii) Write down all twin primes from 1 to 20.
iii) How many prime numbers are even numbers? Which?
iv) Write the smallest and biggest three digit prime numbers.
- B) Find the prime factors of the following. (any two) 03**
i) 210 ii) 324 iii) 6426 iv) 925
- Q.3 Solve the following.**
- A) Find LCM by prime factor method. (any two) 04**
i) 405, 225
ii) 15, 20
iii) 45, 36, 30
iv) 96, 108
- B) Find the G.C.D. by prime factor method. (any two) 04**
i) 90, 50
ii) 144, 216
iii) 24, 84
iv) 75, 45, 60
