

# Doon Public School

Sector-21, Panchkula

**Assignment – 4**

**Subject: Maths**

**Class: XI**

**Date: 21-08-2018**

1. If the sum of three numbers in A.P. is 24 and their product is 44, find the numbers.
  2. Find the sum of all numbers between 200 and 400 which are divisible by 7.
  3. The first term of a G.P. is 1. The sum of the third term and fifth term is 90. Find the common ratio of G.P.
  4. The sum of some terms of G.P. is 315 whose first term and the common ratio are 5 and 2 respectively. Find the last term and the number of terms.
  5. Find the sum of integers from 1 to 100 that are divisible by 2 or 5.
- Q.** Find the sum to 'n' terms of the following:
6.  $5+11+19+29+41+\dots$
  7.  $1 \times 2 \times 3 + 2 \times 3 \times 4 + 3 \times 4 \times 5 + \dots$
  8. If  $a_n = n^2 + 2^n$ , find the sum of 'n' terms of the series.