PH: 9835859669   T e s T   p a p e r   CLASS 10TH

J S U N I L   T U T O R I A L

P U N J A B I   C O L O N Y   G A L I   0 1

Arithmetic Progression

1. Which of the following sequences are A.P'S? Write down their common difference.

(a) 5, 10, 15, 20,25………..(b) 2, 2, 2, 2,2……………..(c) 2, 4, 8, 16,32…………..

2. Write next two terms of given A.P.   (a) -3, -5, -7,-9…………..

3. Find 10th term of given A.P. 10, 20, 30, 40…………

4. Find 20th term of A.P. whose first term = 10, c.d = 3

5. Find n, if the given value of x is nth term of A.P.   17, 22, 27, 32… x = 267

6. Find for the A. P. 3, 14, 25, 36………

7. Third term of an A.P. is 21 and the eighth term is 56.Find A.P. and also find its eleventh term.

8. 3 times the tenth term is equal to 5 times the twentieth term. Find twentieth term.

9. Find the sum 2+4+6+…………+202

10. Write sequence with nth term 5+2 n. Find sum of first 20 terms.

11. Find sum of all natural numbers between 1 and 98 which are multiples of 6.

12. How many terms of the series must be added to get sum 55,15, 13, 11, 9,……

13. Sum of terms of A.P. is 36 and product is 1296. Find A.P.