

**Government High School Ramamurthy Nagar**  
**10th standard**

**Activity sheets based on online class**

**Date:03/8/2021**

**Answer the following**

- 1. Define arithmetic progression**
- 2. 3,7,11,15,19,..... write the next four terms of this progression**
- 3. 9,12,15,18,..... write the next four terms of this progression**
- 4. What is common difference**
- 5. Write the meaning of first term**
- 6. 2,5,8,11,14,..... find the value of  $a$  and  $d$  of this progression**
- 7. 10,15,20,25,30,..... find the value of  $a$  and  $d$  of this progression**
- 8. 200,195,190,185,180,..... find the value of  $a$  and  $d$  of this progression**
- 9. Write the formula to find common difference**
- 10. Give an example for arithmetic progression**