|  |
| --- |
| ATOMIC ENERGY CENTRAL SCHOOL. |
| SUBJECT: MATHEMATICS |
| CLASS: X CHAPTER: ARITHMETIC PROGRESSION MAX. MARKS:15 |
| WORK SHEET -1 |

CHOOSE THE CORRECT OPTION.

1. The tenth term of the AP 2,7,12,17,….. is

a. 57 b. 52 c. 47 d.42 (1 mark)

2. Which term of the AP 21,42,63,….. is 210?

a. 9th b. 10th c.11th d. 12th (1 mark)

3. If the last term of the AP 5,3,1,-1,……is -41, then the AP consists of

a. 46 terms b. 25 terms c. 24 terms d. 23 terms (1 mark)

4. Find the AP whose nth term is 3n-5 . (2 marks)

5. Find the middle term of the AP: 6,13,20,…..216 (2 marks)

6. Check whether 304 is a term of AP 5,11,17,23,……. (2 marks)

7. Which term of the AP21,18, 15,……is -87? Is 0 a term of this AP? (3 marks)

8. Find the nth term and the 20th term of the AP5,1,-3,-7……. (3 marks)

xxxxxxxxxxxxxxx