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| 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)

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