

MATHEMATICS

ARITHMETIC PROGRESSION

Total Marks: 20

Duration: 0 hours, 25 minutes

Instructions to test takers

1. Answer all the questions in this paper
2. All the answers for the questions in this paper will be found on **Study Star** (www.studystar.me)
3. Using the answers on the website, mark yourself truthfully and carefully.

Turn this page, time yourself and begin the test

Section A

1. For the AP 15, 9, 3 ... Find the common difference.

2. Calculate the 15th term in question 1 above.

3. Which term is -21 in (1)?

4. For the AP 2, 7, 12 ... Find the common difference.

5. Calculate the 10th term in (4).

6. Which term is 102 in (4)?

7. If the 5th term of an AP is 17 and the 8th term is 29. Find the first term.

8. State the common difference (7).

9. Calculate the 13th term from (7).

10. Which term is 69?

Section B

11. Given that the 4th term of an AP is 26 and the 8th term is -5. Calculate the first term. [3]

12. State the common difference from (11). [1]

13. Calculate the 11th term from (11) [2]

14. Calculate the sum of the first 10 terms from (11) [2]

15. Calculate the sum of the first 10 terms from (11) [3]



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