



# MATH LOVE INSTITUTE

Education as a Service (EaaS)

Sample Question Paper - SET 1

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<b>Class</b>	X	<b>Subject</b>	Mathematics (041)
<b>Chapter</b>	5 - Arithmetic Progressions	<b>Time Allowed</b>	15 Minutes
<b>Maximum Marks</b>	5	<b>Date</b>	_____

## GENERAL INSTRUCTIONS:

1. This question paper contains **2 questions** from Chapter 5 - Arithmetic Progressions.
2. All questions are compulsory.
3. Question 1 carries 1 mark.
4. Question 2 carries 4 marks.
5. Use of calculator is not permitted.

## HOW TO SUBMIT:

1. Solve this question paper in your notebook or on loose sheets.
2. Clearly write your **Name, CBSE Roll Number (if available), School Name, Place, and Date** on the first page.
3. Upload your solved paper at our website: **www.mathlove.in**
4. Receive your **detailed report card within 24 hours** via email.
5. For any queries or assistance, WhatsApp us at **+91-7869553517**

**SECTION A - 1 MARK QUESTION**

**Q1.** Which term of the arithmetic progression 21, 18, 15, ... is  $-81$ ? **[1]**

- (a) 33rd term
- (b) 34th term
- (c) 35th term
- (d) 36th term

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**SECTION B - 4 MARKS QUESTION**

**Q2.** The sum of four consecutive numbers in an AP is 32 and the ratio of the product of the first and the last term to the product of two middle terms is  $7 : 15$ . Find the numbers. **[4]**

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