

**Education as a Service (EaaS)****Sample Question Paper - SET 1** +91-7869553517 |  [www.mathlove.in](http://www.mathlove.in) MATH LOVE INSTITUTE - CONFIDENTIAL - FOR PRACTICE ONLY 

<b>Class</b>	X	<b>Subject</b>	Mathematics (041)
<b>Chapter</b>	11 - Areas Related to Circles	<b>Time Allowed</b>	8 Minutes
<b>Maximum Marks</b>	4	<b>Date</b>	_____

**GENERAL INSTRUCTIONS:**

1. This question paper contains **2 questions** from Chapter 11 - Areas Related to Circles.
2. All questions are compulsory.
3. Question 1 carries 1 mark.
4. Question 2 carries 3 marks.
5. Use of calculator is not permitted.
6. Draw neat and labeled diagrams wherever required.
7. Use  $\pi = 22/7$  unless stated otherwise.

**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](http://www.mathlove.in)

4. Check your **detailed report card on the website** after evaluation.
5. For any queries or assistance, WhatsApp us at **+91-7869553517**

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### SECTION A - 1 MARK QUESTION

**Q1.** Find the area of a sector of a circle with radius 6 cm if the angle of the sector is  $60^\circ$ . [1]

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### SECTION B - 3 MARKS QUESTION

**Q2.** The length of the minute hand of a clock is 14 cm. Find the area swept by the minute hand in 5 minutes. (Use  $\pi = 22/7$ ) [3]

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