



परमाणु ऊर्जा शिक्षण संस्था  
**Atomic Energy Education Society**  
**उत्तर कुंजी / Answer Key (2025-26)**

कक्षा/Class: VII विषय/Subject: Mathematics माह/Month: September अंक/Marks: 40  
दिया गया पाठ्यक्रम/Portion covered: Chapter 07 (A Tale of Intersecting Lines)

**SECTION A**

- |                    |                      |                                    |                |
|--------------------|----------------------|------------------------------------|----------------|
| 1. (b) Equilateral | 4. (c) $45^\circ$    | 5. (d) 17 units, 5 units, 22 units | 6. (b) 13 cm   |
| 2. (c) Right       | 7. (a) QR            | 8. (d) $AB + BC = CA$              | 9. (b) 3, 4, 6 |
| 3. (a) Isosceles   | 10. (d) All of these |                                    |                |

**SECTION B**

1. Proper steps of construction are to be followed.
2. Proper steps of construction are to be followed.
3. (a) No (b) Yes
4. Proper steps of construction are to be followed.

**SECTION C**

1. Proper steps of construction are to be followed.
2. Proper steps of construction are to be followed.
3. Proper steps of construction are to be followed.

**SECTION D**

1. (a) No (b) Yes (c) No (d) Yes (e) Yes

**SECTION E**

- |            |                       |          |         |
|------------|-----------------------|----------|---------|
| 1. (a) 6 m | (b) 20 m              | (c) No   | (d) No  |
| 2. (a) Yes | (b) $120 \text{ m}^2$ | (c) 60 m | (d) Yes |