



**QUESTION 2: INTERPENETRATION AND DEVELOPMENT**

**Given:**

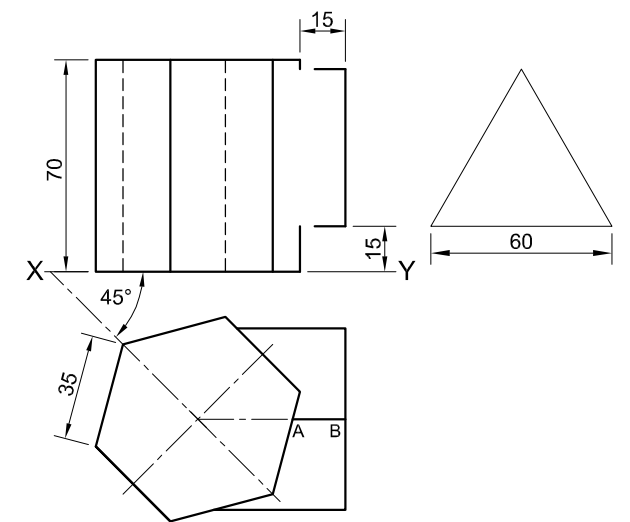
- The incomplete front view and top view of an equilateral triangular prism that has been shaped to fit around a right regular hexagonal prism. The axes of both prisms lie in a common vertical plane.
- An auxiliary view of the triangular prism.

**Instructions:**

Draw, to scale 1 : 1, the following:

- 2.1 The given top view
- 2.2 The complete front view clearly showing the curve of interpenetration
- 2.3 The complete right view
- 2.4 The development of the surface of the triangular prism  
Make **AB** the seam.

- Show ALL hidden detail.
- Show ALL necessary construction. **[35]**



**AB IS THE SEAM.**

ASSESSMENT CRITERIA			
1	TOP VIEW	6	
2	FRONT VIEW	11	
3	RIGHT VIEW	7	
4	DEVELOPMENT	11	
PENALTIES (-)			
<b>TOTAL</b>		<b>35</b>	
EXAMINATION NUMBER			
EXAMINATION NUMBER			
EXAMINATION NUMBER			<b>3</b>

