

QUESTION 2.1: SOLID GEOMETRY

Given:

- The front view of a equilateral triangular prism with section line PQ.
- The base side length of the equilateral triangular prism is 35 mm.

Instructions:

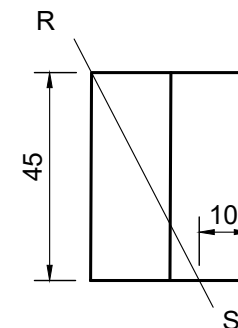
Draw to a scale of 1 : 1, the following views of the solid:

- 2.1 The given front view
- 2.2 A sectional top view
- 2.3 A sectional right view
- 2.4 The true shape of the sectioned area

Note:

- Planning is essential.
- Show all construction lines.
- Show all hidden detail.

ASSESSMENT CRITERIA			
1	SECTIONAL TOP VIEW	6	
2	FRONT VIEW	5	
3	SECTIONAL RIGHT VIEW	10	
4	TRUE SHAPE	7	
PENALTIES (-1)			
TOTAL		28	



QUESTION 2.2: SOLID GEOMETRY

Given:

- The front view of a equilateral square prism with section line RS.
- The base side length of the equilateral square prism is 25 mm.

Instructions:

Draw to a scale of 1 : 1, the following views of the solid:

- 2.1 The given front view
- 2.2 A sectional top view
- 2.3 A sectional left view
- 2.4 The true shape of the sectioned area

Note:

- Planning is essential.
- Show all construction lines.
- Show all hidden detail.

ASSESSMENT CRITERIA			
1	SECTIONAL TOP VIEW	10	
2	FRONT VIEW	6	
3	SECTIONAL LEFT VIEW	14	
4	TRUE SHAPE	9	
PENALTIES (-1)			
TOTAL		39	



SOLID GEOMETRY	ESTIMATED TIME FOR COMPLETION	30 MIN	GRADE 10	NAME & SURNAME		TASK 7.24	PAGE 2.24
	YOUR TIME OF COMPLETION	MIN					