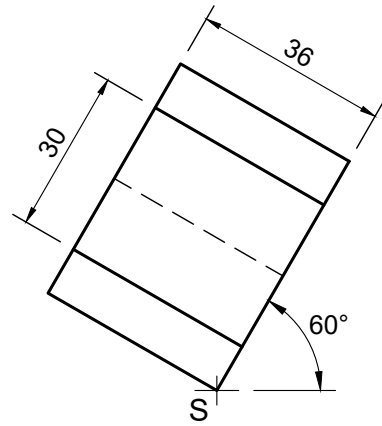


QUESTION 2.1: SOLID GEOMETRY



Given:

- The front view of an equilateral pentagonal prism.
- The base side length of the equilateral pentagonal prism is 30 mm.
- Point S as the start position.

Instructions:

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

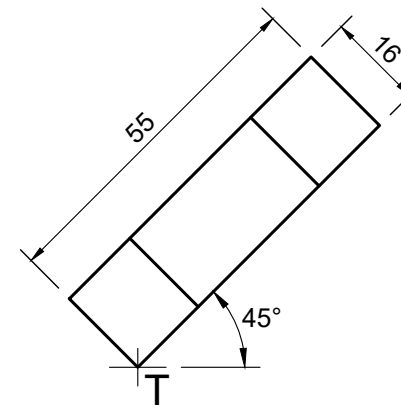
- 2.1 The given front view
- 2.2 The top view
- 2.3 The right view

Note:

- Planning is essential.
- Use point S as the start position on this diagram sheet.
- Show all construction lines.
- Show all hidden detail.

S

QUESTION 2.2: SOLID GEOMETRY



Given:

- The front view of a equilateral hexagonal prism.
- The across distance at the base, from corner to corner of the equilateral hexagonal prism is 55 mm.
- Start position T.

Instructions:

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

- 2.1 The given front view
- 2.2 The top view
- 2.3 The left view

Note:

- Planning is essential.
- Use point T as the start position on this diagram sheet.
- Show all construction lines.
- Show all hidden detail.

T

ASSESSMENT CRITERIA

1	AUXILIARY VIEW	14		
2	FRONT VIEW	8		
3	TOP VIEW	13		
4	RIGHT VIEW	13		
PENALTIES (-1)				
TOTAL		48		

ASSESSMENT CRITERIA

1	AUXILIARY VIEW	11		
2	FRONT VIEW	7		
3	TOP VIEW	13		
4	LEFT VIEW	13		
PENALTIES (-1)				
TOTAL		44		



SOLID GEOMETRY

ESTIMATED TIME FOR COMPLETION

30 MIN

GRADE

10

NAME & SURNAME

TASK

7.8

PAGE

2.8