

QUESTION 2.1: SOLID GEOMETRY

Given:

- The front view of an equilateral pentagonal prism.
- The base side length of the equilateral pentagonal prism is 28 mm.
- Point S as the start position.

Instructions:

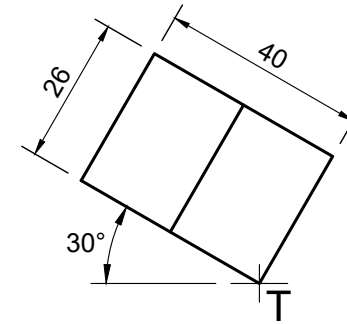
Draw to a scale of 1 : 1, the following views of the solid:

- 2.1 The given front view
- 2.2 The top view
- 2.3 The left 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 side to side of the equilateral hexagonal prism is 40 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 right 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	11	
2	FRONT VIEW	7	
3	TOP VIEW	12	
4	LEFT VIEW	13	
PENALTIES (-1)			
TOTAL		43	

ASSESSMENT CRITERIA			
1	AUXILIARY VIEW	11	
2	FRONT VIEW	6	
3	TOP VIEW	19	
4	RIGHT VIEW	19	
PENALTIES (-1)			
TOTAL		55	



SOLID GEOMETRY

ESTIMATED TIME FOR COMPLETION

30 MIN

GRADE

10

NAME & SURNAME

TASK

7.7

PAGE

2.7