MINISTRY OF EDUCATION, HERITAGE & ARTS

WORKSHEET 4 YEAR 11 2021

TECHNICAL DRAWING

STRAND 1(1.3, 1.4): GEOMETRY

INSTUCTIONS:

1. Use your exercise book to do all the questions given below.
2. All measurements are in millimeters
3. Show all your construction lines clearly.

NAME:

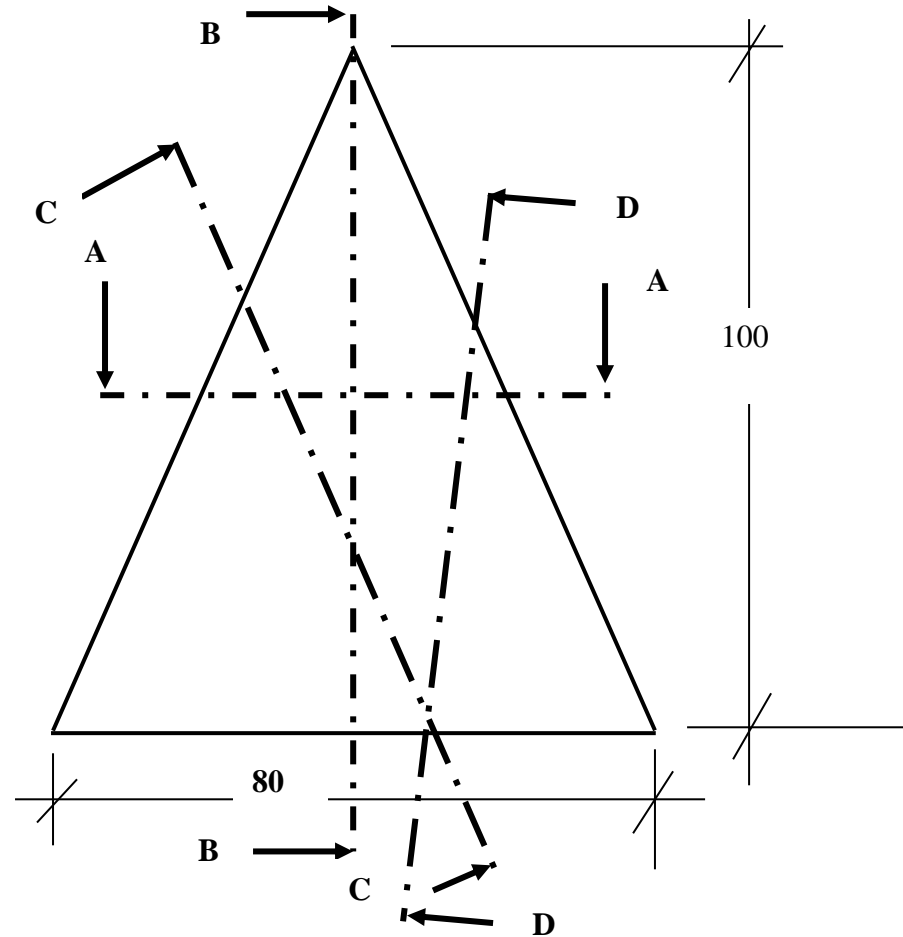# SECTION B

QUESTION 1 (25 marks)

PART A (10 marks)

Given: The Elevation of Cone cut by cutting plane AA, BB, CC, and DD

Required: (i) Draw the conic section produced by cutting plane C - C.

PART B (10 marks)

Given: The Elevation and Plan of a Right Hand Helix

Required: Construct a Right Hand Helix for 1 revolution.

(ii) Label the conic section produced by each of the cutting plane shown above

1. A-A _____ -

2. B-B _____

3. C-C _____

4. D-D _____
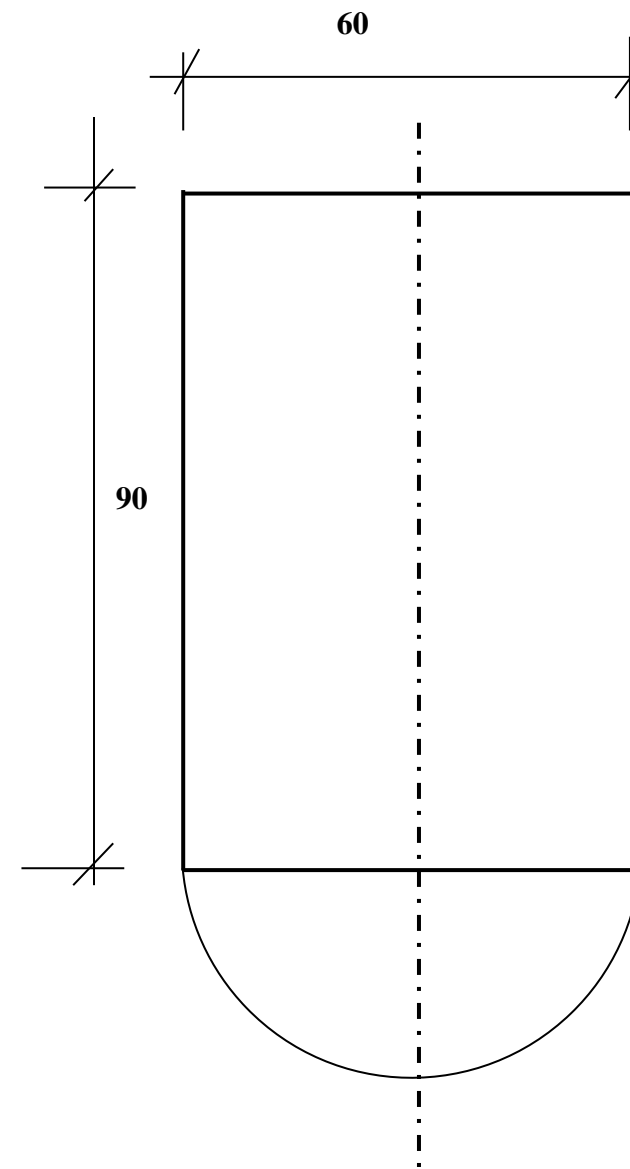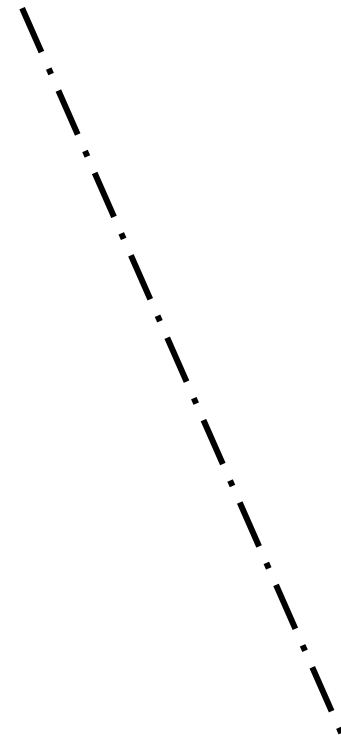
BQ1(i)A			
1	Correct center label D,V,F	3	
2	Correct perpendular line shown	2	
3	Correct method shown	5	
4	Correct shape	1	
5	Accuracy	1	
6	**BQ1(ii)A**		
7	Correct Name	4	
BQ1B			
8	Correct method	3	
9	Correct division	2	
10	Correct label	2	
11	Correct Curve	2	
12	Accuracy	1	

© MEHA, Technical Drawing Worksheet 4 Year 11, 2021