

**INTI**INTERNATIONAL COLLEGE PENANG (507232-U)
LAUREATE INTERNATIONAL UNIVERSITIESFINAL
Examination Paper

(COVER PAGE)

Session : April 2013

Programme : Diploma in Electrical and Electronic Engineering Programme

Course : **EGR1175 : ENGINEERING DRAWING**

Date of Examination : 30 July 2013

Time : 8a.m. – 10a.m. Reading Time : Nil

Duration : 2 Hours

Special Instructions :

This paper consists of **SIX (6)** questions. Answer any **FOUR (4)** questions in the answer booklet provided. All questions carry equal marks.

Materials permitted : Nil

Materials provided : Drawing Sheet

Examiner(s) : **Hemalatha**

Moderator : **Phua Chin Lai**

This paper consists of 7 printed pages, including the cover page.

INTI INTERNATIONAL COLLEGE PENANG

DIPLOMA IN ELECTRICAL & ELECTRONIC ENGINEERING
 EGR1175: ENGINEERING DRAWING
 FINAL EXAMINATION: APRIL 2013 SESSION

Instructions: This paper consists of SIX (6) questions. Answer any FOUR (4) questions on the drafting paper provided. All questions carry equal marks. All dimensions are not required unless otherwise stated. Dimensions are given in mm

Question 1

Draw the object given in Figure Q1. Your drawing must show clearly all the construction lines and the center points of the arcs.

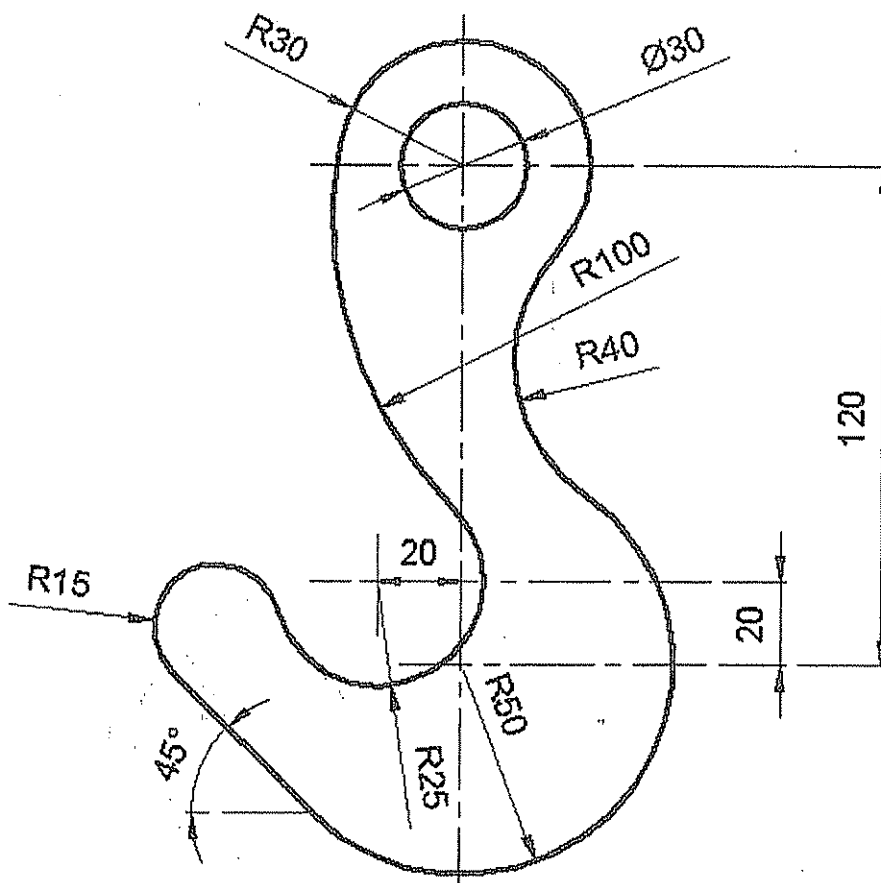


Figure Q1

(25 marks)

Question 2

Figure Q2 given below is shown in isometric view. Draw in **third angle** projection
 (a) the full sectional elevation (section A-A).
 (b) the full sectional right hand side view (Section B-B).
 (c) the plan.

Note: Label the respective views

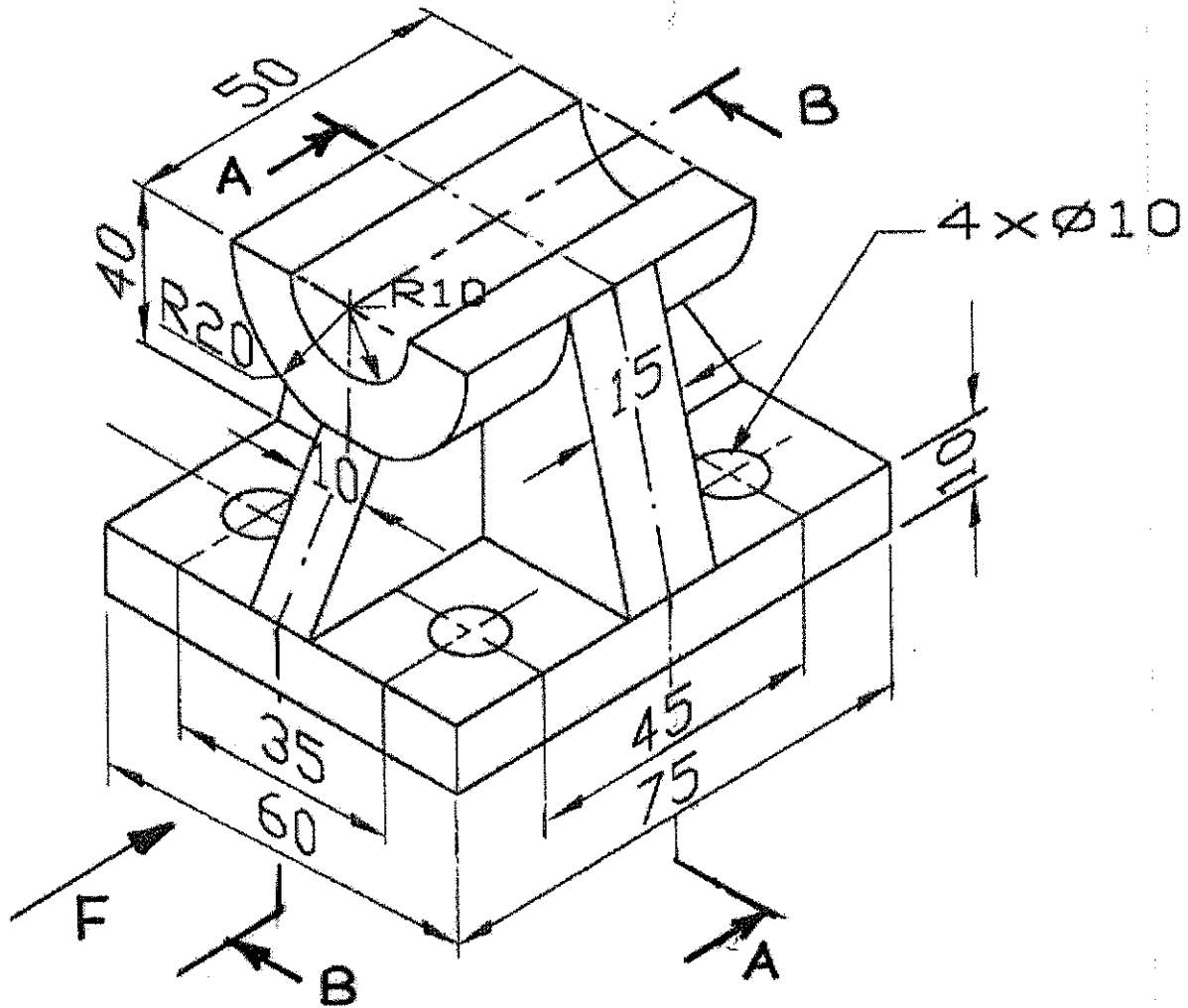


Figure Q2

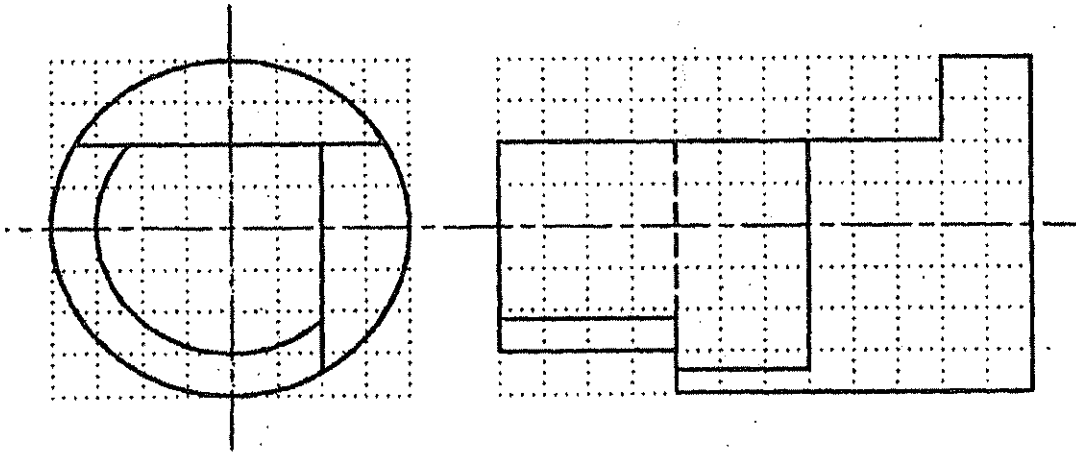
(25 marks)

Question 3

The front view and the left end view of the object shown in Figure Q3 are given in the third angle projection.

Draw an isometric view of the object.

Note: The grid size = 5mmx5mm



(25 marks)

Figure Q3

Question 4

The front and left end views of an object are shown in first angle projection. Draw the oblique cabinet view of this object with the front view drawn in the frontal plane. The receding plane should go upwards to the left.

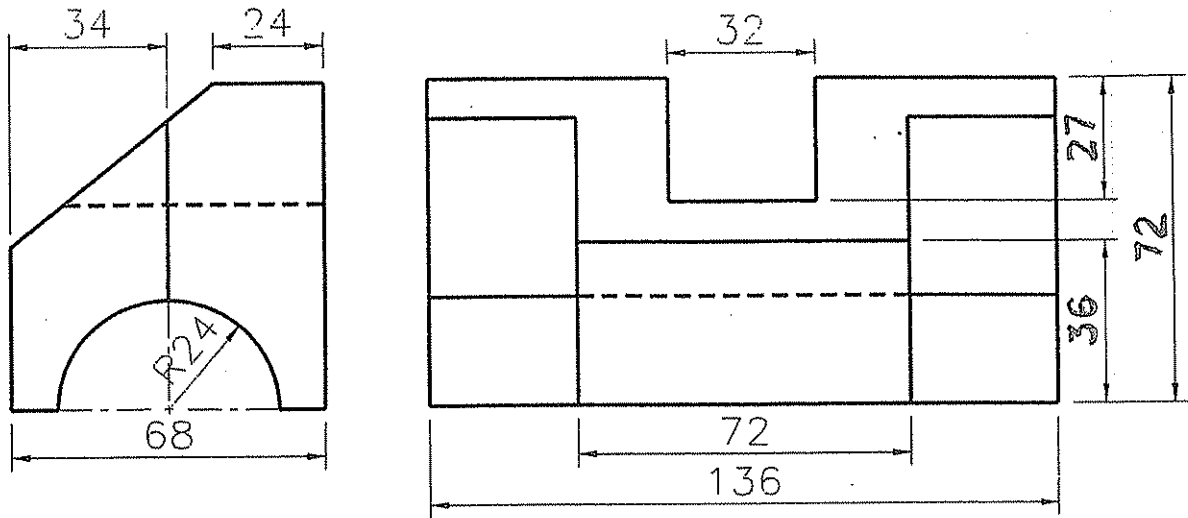


Figure Q4

(25 marks)

Question 5

The front and plan view of a triangular thin plate are shown below in Figure Q5 in First Angle Projection. Draw the true shape of the plane.

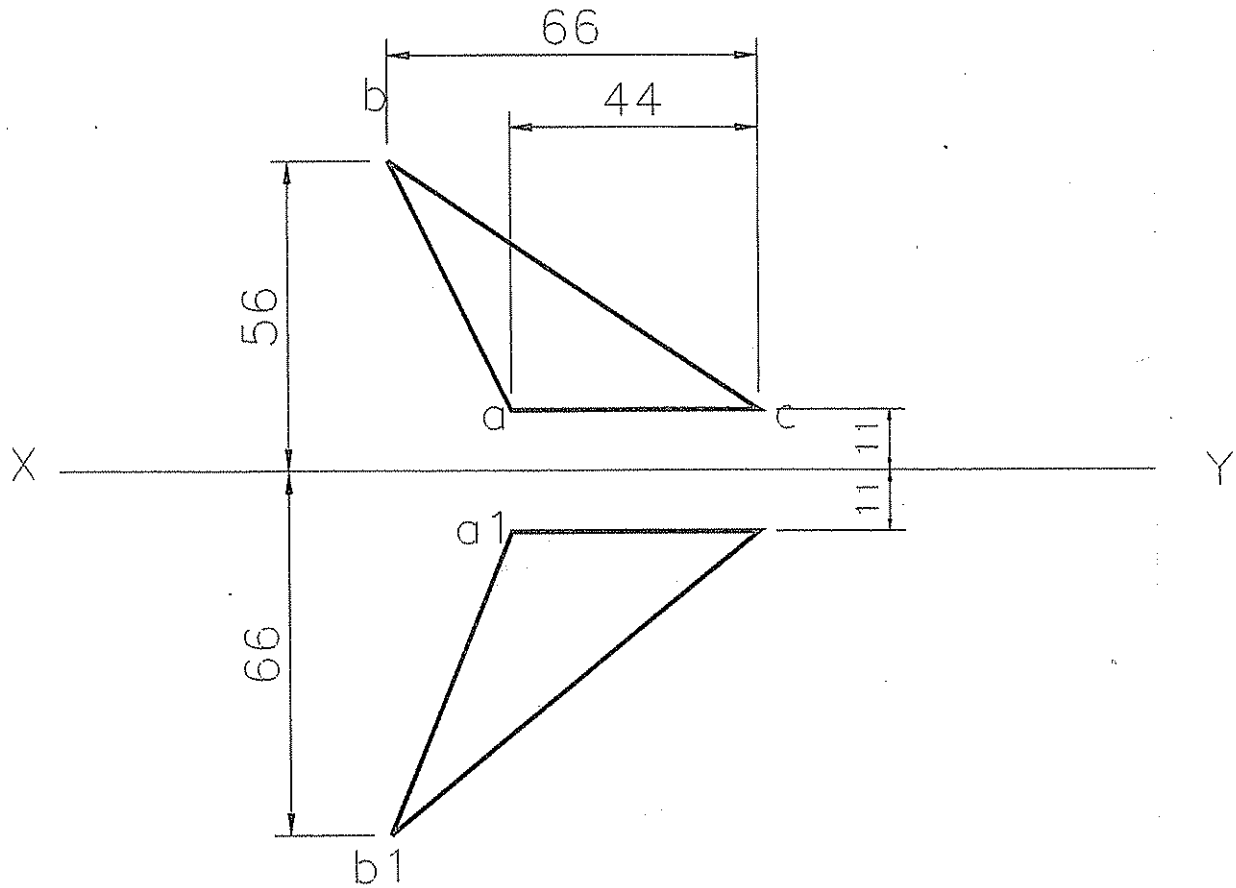


Figure Q5

(25 marks)

Question 6

Figure Q6 shows front view of a cut cylinder with base diameter of 60mm. Draw the development of the lateral surface of the part P of the cylinder.

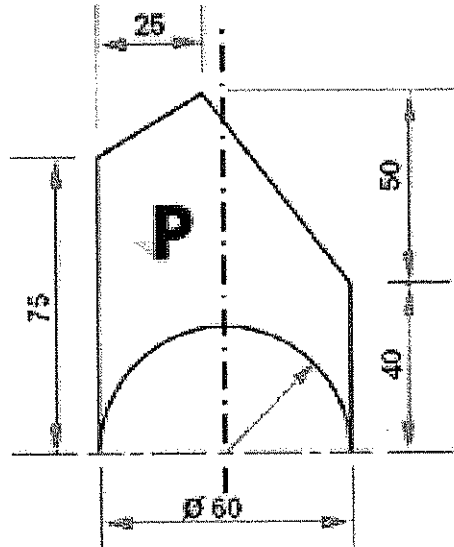


Figure Q6

(25 marks)