INTI
International College Penang
LAUREATE INTERNATIONAL UNIVERSITIES

FINAL
Examination Paper

(COVER PAGE)

Session	:	**April 2016**
Programme	:	Diploma in Electrical and Electronic Engineering (DEEI)
Course	:	**EGR 1175: Engineering Drawing**
Date of Examination	:	25 July 2016, Monday
Time	:	8.00am – 10.00am
Duration	:	2 Hours Reading Time : Nil
Special Instructions	:	

This paper consists of **SIX (6)** questions. Answer any **FOUR (4)** questions in the drawing paper provided.

IMPORTANT NOTE : **THIS PAPER SHOULD NOT BE TAKEN OUT OF THE EXAMINATION HALL**

Materials Permitted :
Nil

Materials Provided :
Drawing Paper

Examiner(s)	:	**Mr. Phua Chin Lai**
Moderator	:	Mr. Cheah Kean Seng

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

INTI INTERNATIONAL COLLEGE

DIPLOMA IN ELECTRICAL AND ELECTRONIC ENGINEERING (DEEI)
EGR 1175: ENGINEERING DRAWING
FINAL EXAMINATION: APRIL 2016 SESSION

Instructions: This paper consists of **SIX (6)** questions. Answer any **FOUR (4)** questions in the drawing paper provided. All questions carry equal marks. All drawings are to be drawn in full size unless otherwise stated. All dimensions are not required unless the question explicitly asks for them.
NOTE: All dimensions are given in mm.

Question 1

Draw the support brace from Figure Q1 in scale 2:1 and show clearly the construction for finding the center of the arcs.

(25 marks)

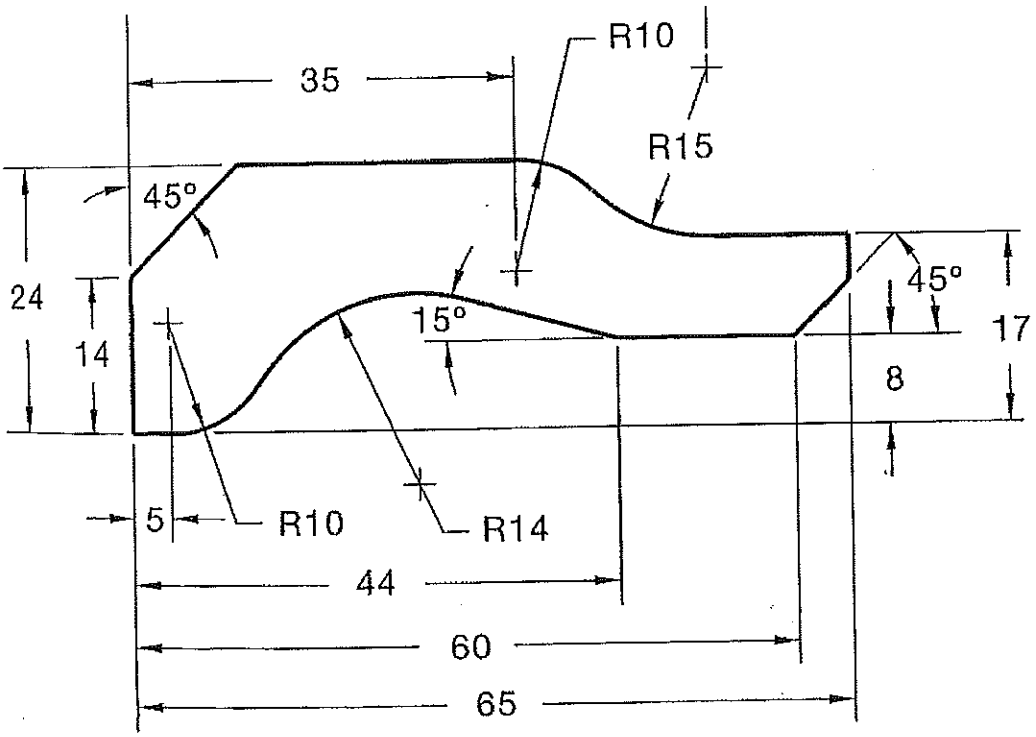


Figure Q1

Question 2

Figure Q2 is presented in Third Angle Projection. Draw the given front view and side view in Third Angle Projection, then complete the auxiliary view from direction A.

(25 marks)

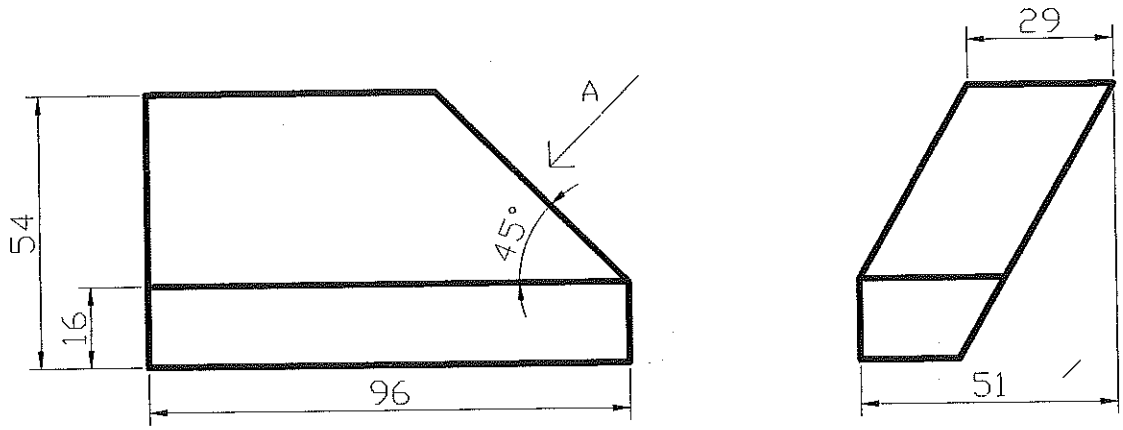


Figure 2

Question 3

Draw the isometric view of the component given in Figure Q3 with the corner shown by the letter A in the foreground.

(25 Marks)

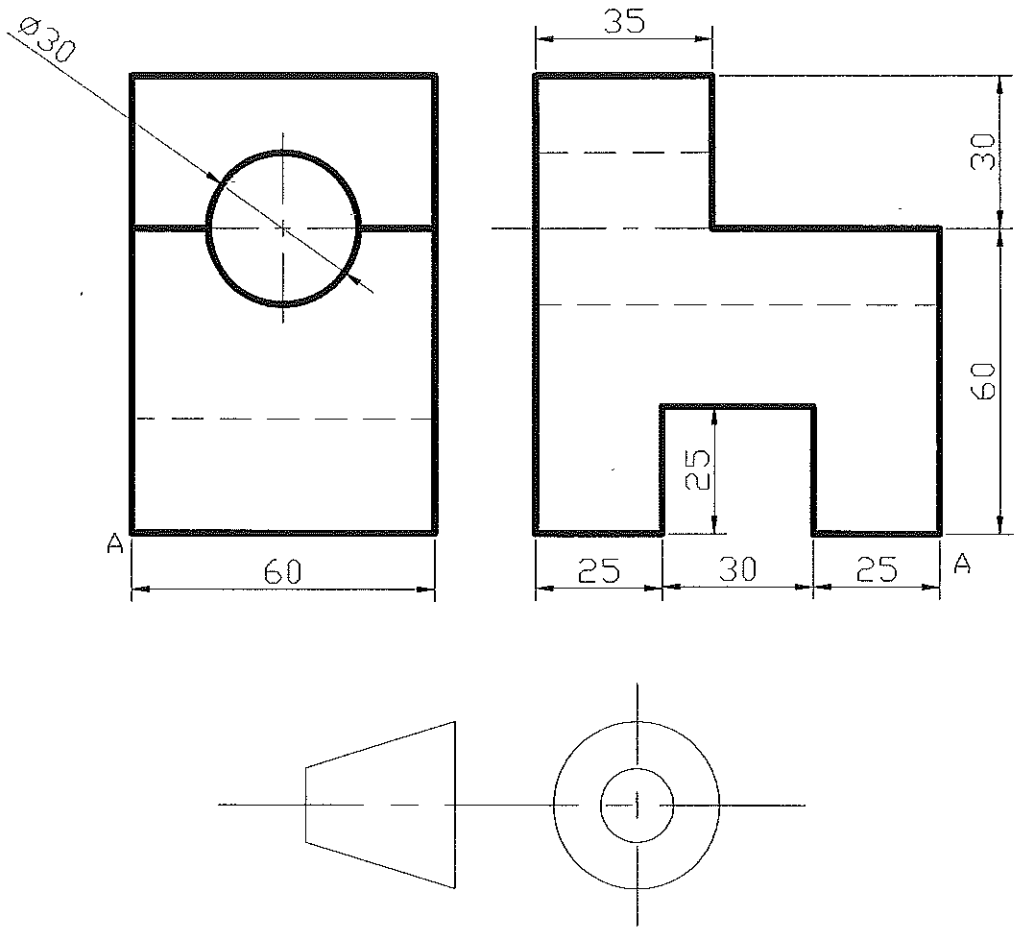


Figure Q3

Question 4

The component in Figure Q4 shows a metal bracket. Draw in Third Angle Projection of the front section view AA and right side view.

(25 Marks)

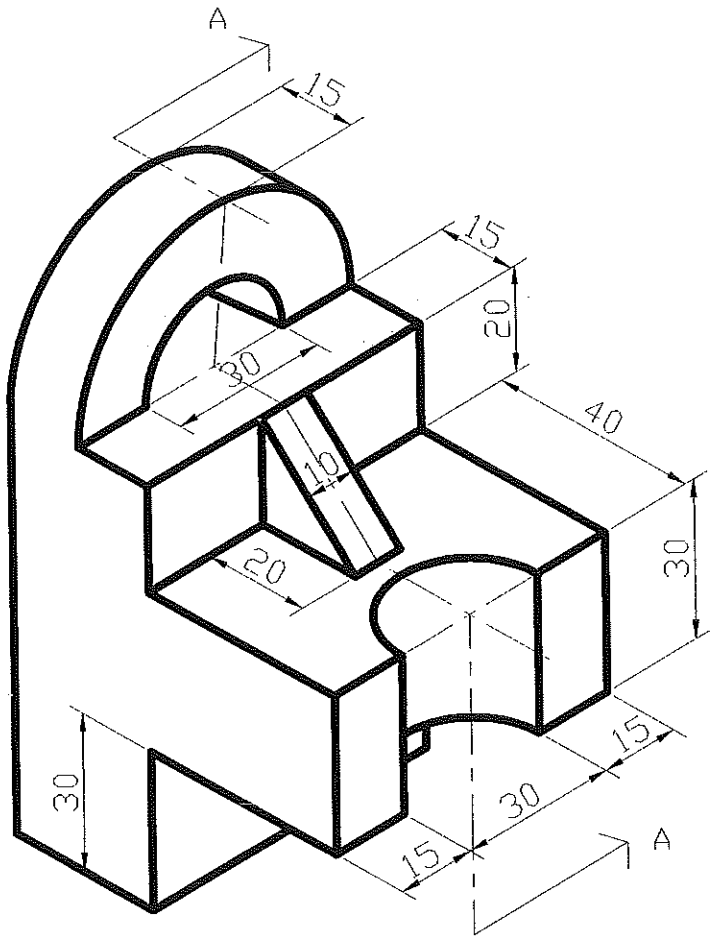
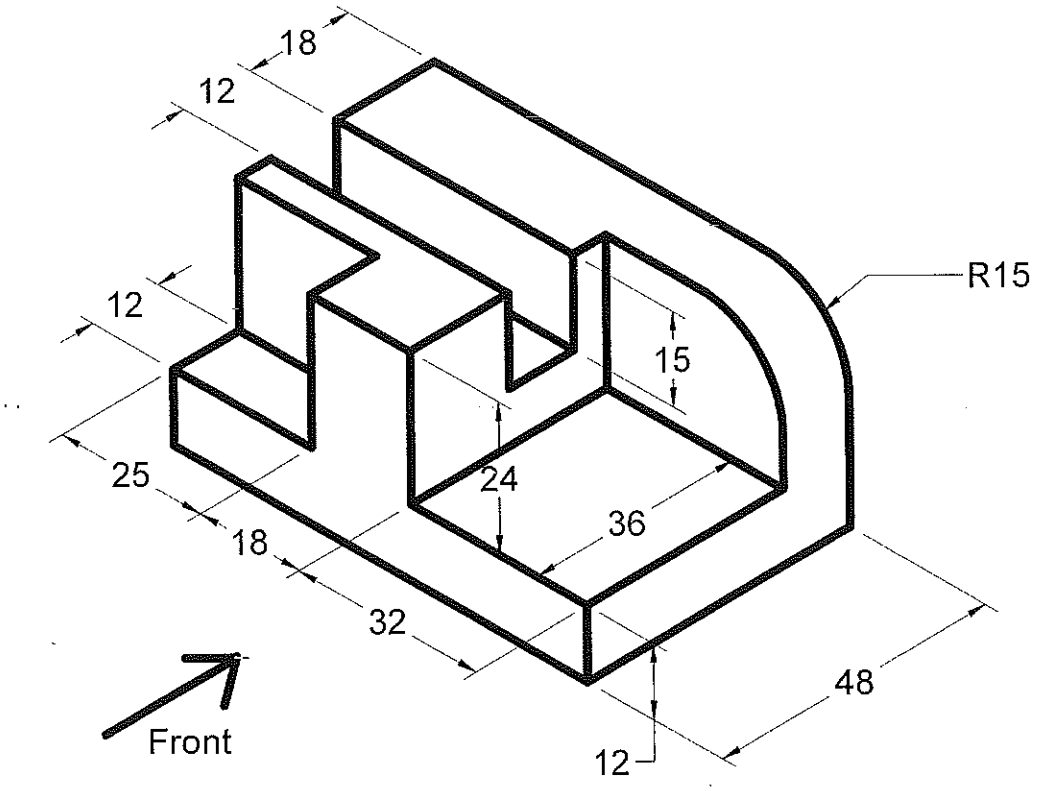


Figure Q4

Question 5

Draw the component shown in Figure Q5 with Third Angle Projection for the front, right and top views.

(25 Marks)



Question 6

The Figure Q6 shows two truncated cones welded together. Draw the given view and the development of Part B.

(25 marks)

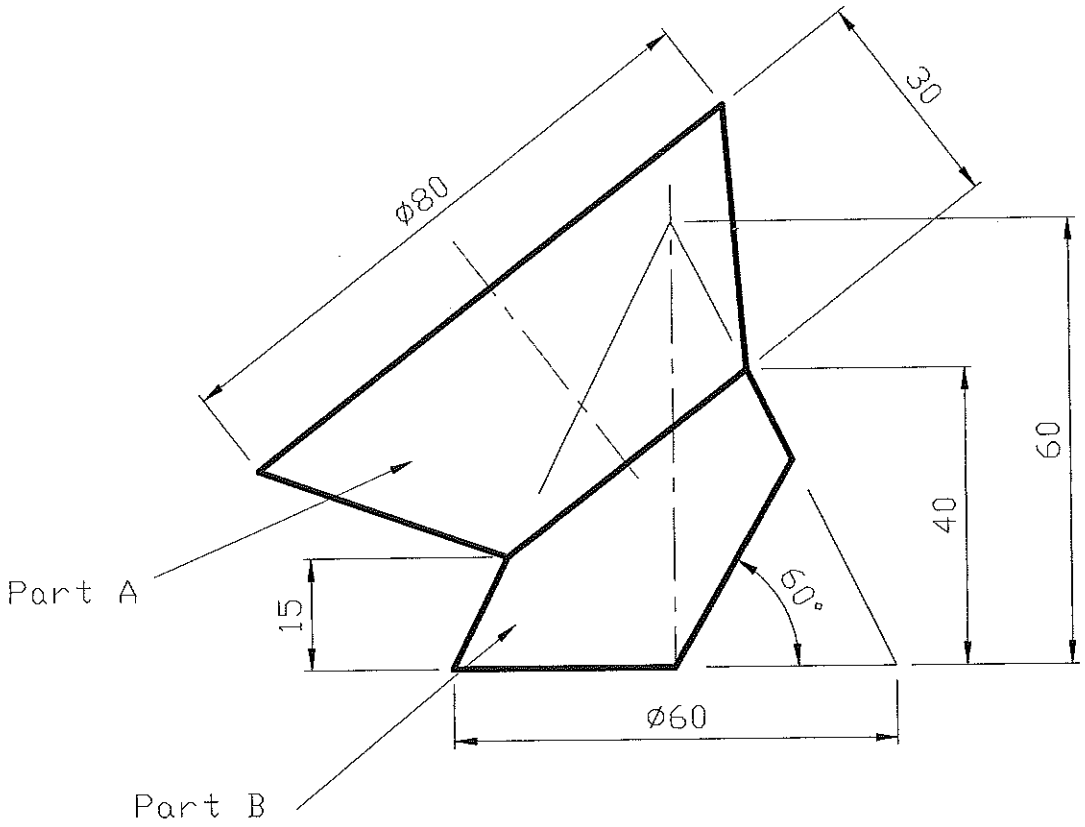


Figure Q6

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