The Open University of Sri Lanka
Faculty of Engineering Technology

Study Programme	:	Diploma in Technology/Bachelor of Technology (Engineering)
Name of the Examination	:	Final Examination
Course Code and Title	:	**MEK3289 – Computer Aided Drafting**
Academic Year	:	2014/15
Date	:	24-08-2015
Time	:	09.30 – 12.30hrs
Duration	:	3 hours

General instructions

1. Read the question carefully before you start answering it.
2. Clarify from the supervisor/invigilator in your examination hall if you have any doubts.
3. Draw the standard cage and fill the title cage clearly for answers.
4. Save drawings periodically to prevent data loss.
5. Do not write your name.
6. **Write down your index number on the title cage.**
7. Save and name your final drawing by your index number in the pen drive given by the supervisor/invigilator.
8. Drawings saved in the pen drive are considered as the final answer.
9. Assume any missing dimension.

Q1.

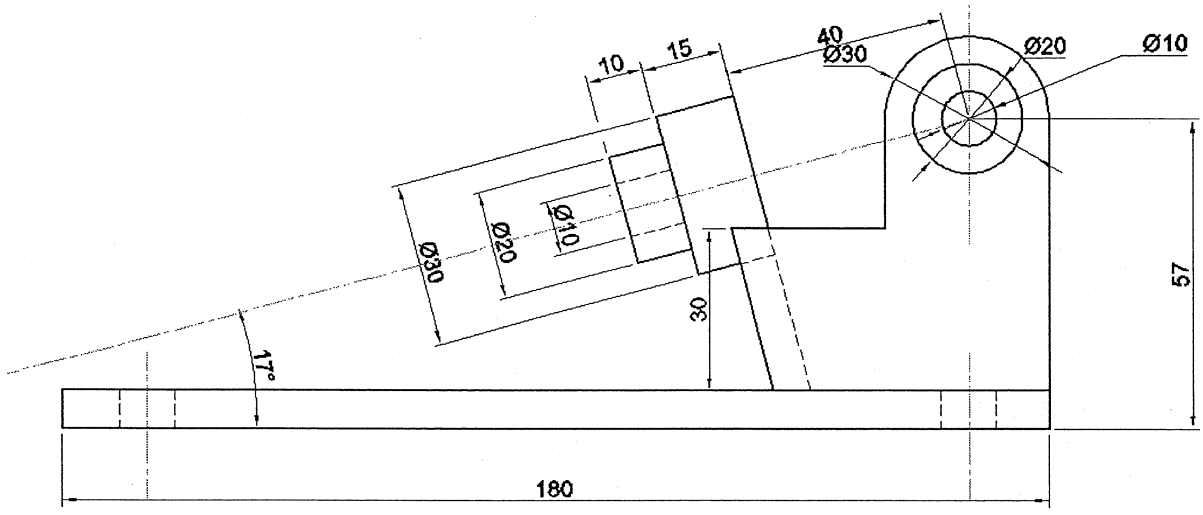
The Figure 01 shows orthographic views of an object in the **first angle projection.**

Draw the following views to a scale of full size using **AutoCAD software**.

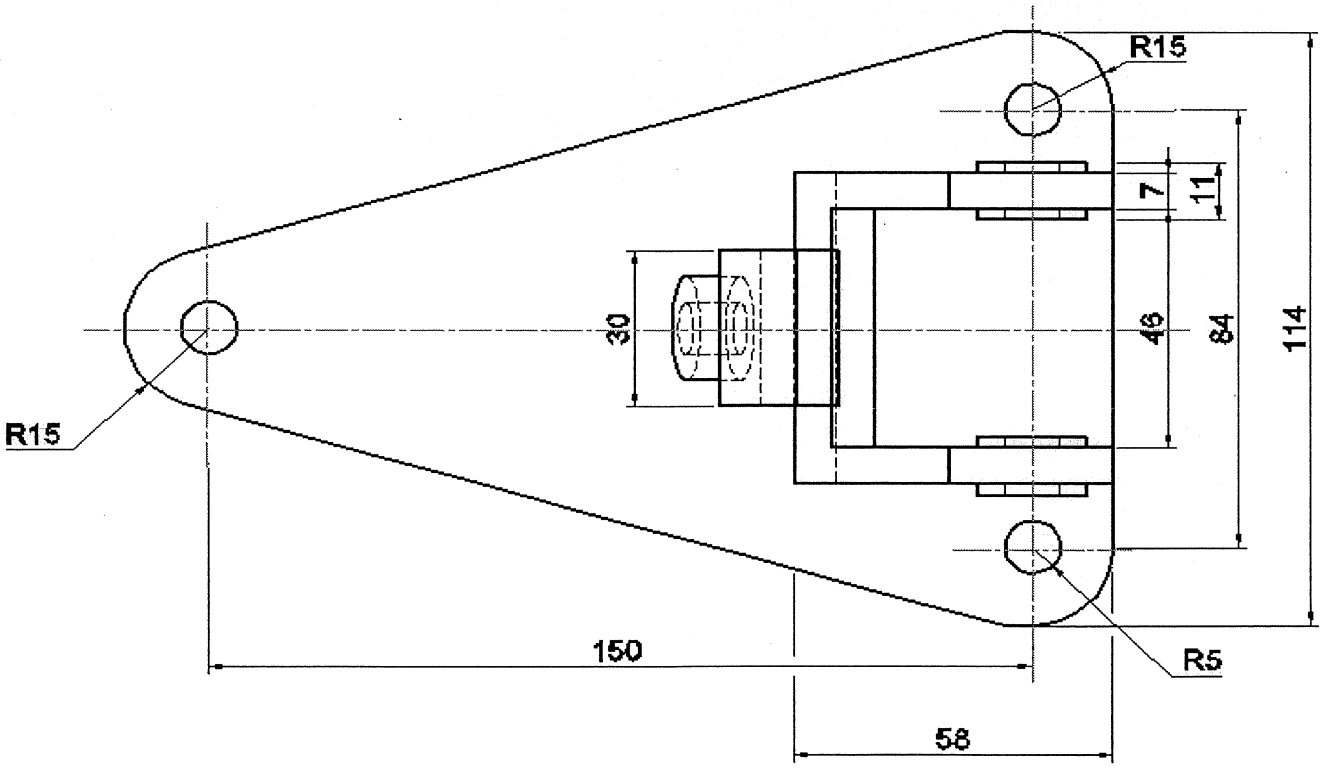
(a) Given **Front Elevation** and the **Plan**.
(b) **End Elevation** projected to right of front view (a)
(c) Name views, show hidden details and indicate major dimensions.

Note :–

- All dimensions are in millimetres and the drawings are not in the actual scale.
- Prepare your answer script in a layout on A-2 sized paper.
- **Marks are given for the approach, organization of the drawing, overall views, setting of dimension styles, titles and the Standard cage.**



FRONT ELEVATION



PLAN

Fig. 01