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The Open University of Sri Lanka
Faculty of Engineering Technology

Study Programme	: Bachelor of Technology Honours in Engineering
Name of the Examination	: Final Examination
Course Code and Title	: **MEK 3289 – Computer Aided Drafting**
Academic Year	: 2016/17
Date	: November 07, 2017
Time	: 9.30 hrs.-12.30 hrs.
Duration	: 3 hours

General Instructions

1. Read all instruction carefully before answering the questions.
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 in 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 dimensions.

Q1.

The **Figure** shows orthographic view of a **bracket** 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**

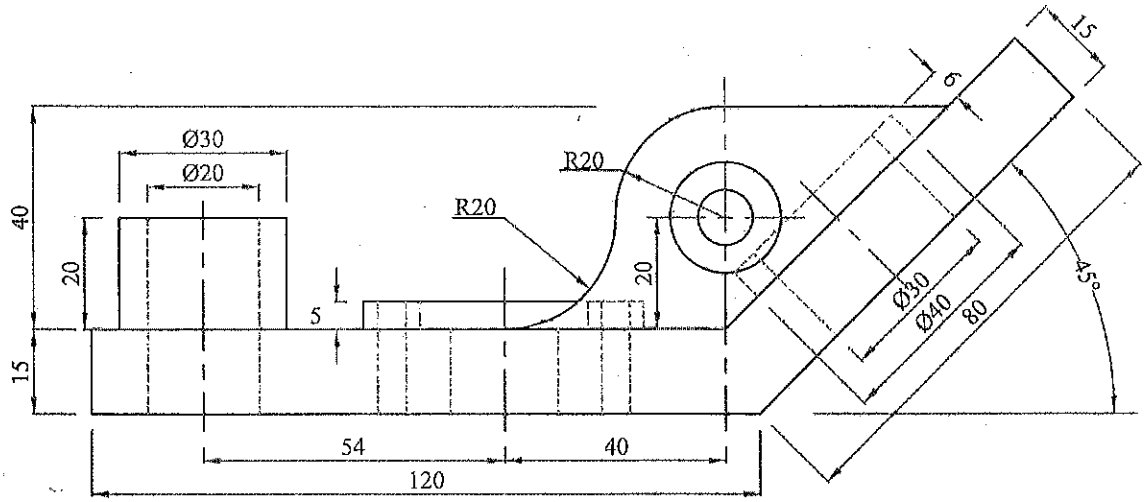
(b) **End Elevation** projected to right of front view (a)

(c) Name views, show hidden details and indicate major dimensions.

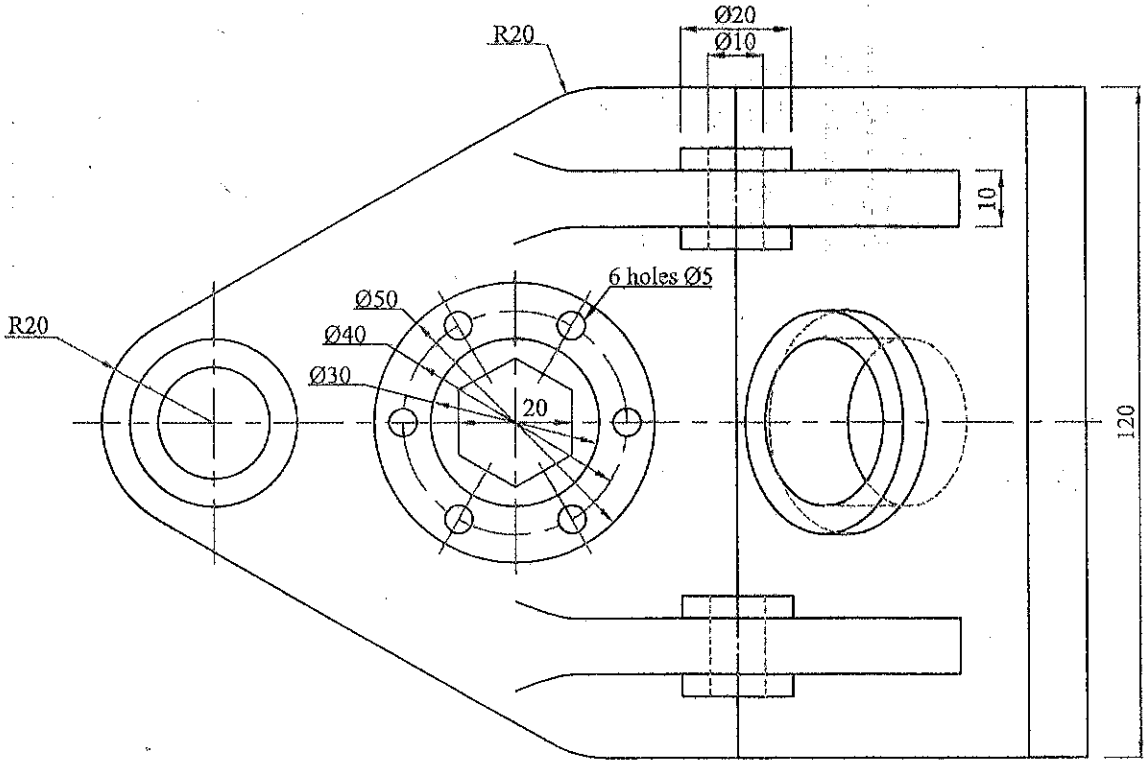
(d) Radii of casting curves may be taken as 3 mm unless otherwise specified.

Note:-

- All dimensions are in millimetres and the drawings are not in the actual scale.
- Marks are given for the approach, organization of the drawing, overall views, setting of dimension styles, titles and the Standard cage.



FRONT ELEVATION



PLAN

SCALE 1:1	BRACKET	

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ANNEX 01:

