

The Open University of Sri Lanka

Faculty of Engineering Technology



Study Programme	: Bachelor of Technology (Engineering)
Name of the Examination	: Final Examination
Course Code and Title	: DMK3589 – Computer Aided Drafting
Academic Year	: 2017/18
Date	: January 14, 2019
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.

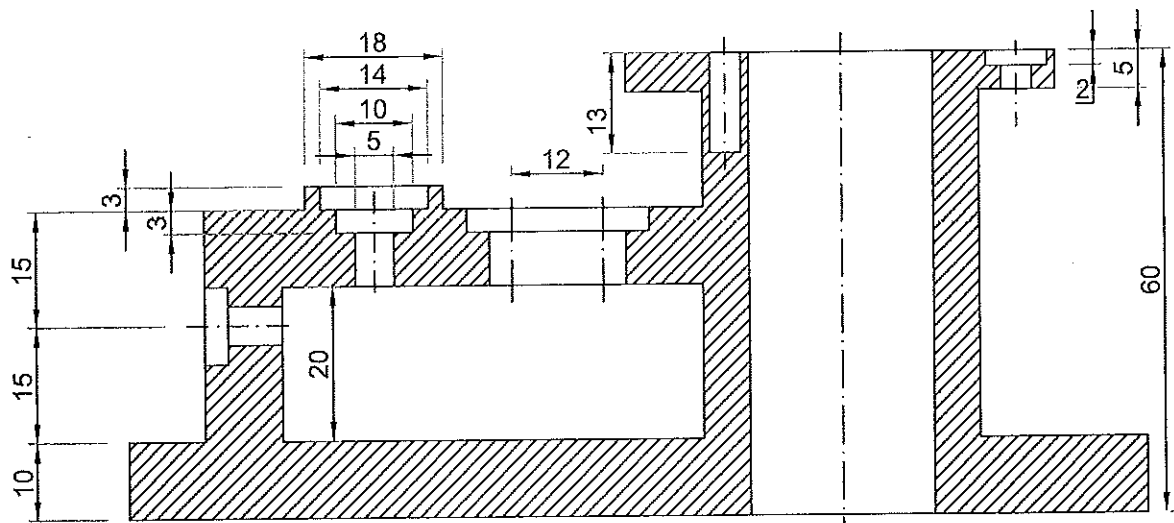
The **Figure 01** shows orthographic view of an object in the **first angle projection**.

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

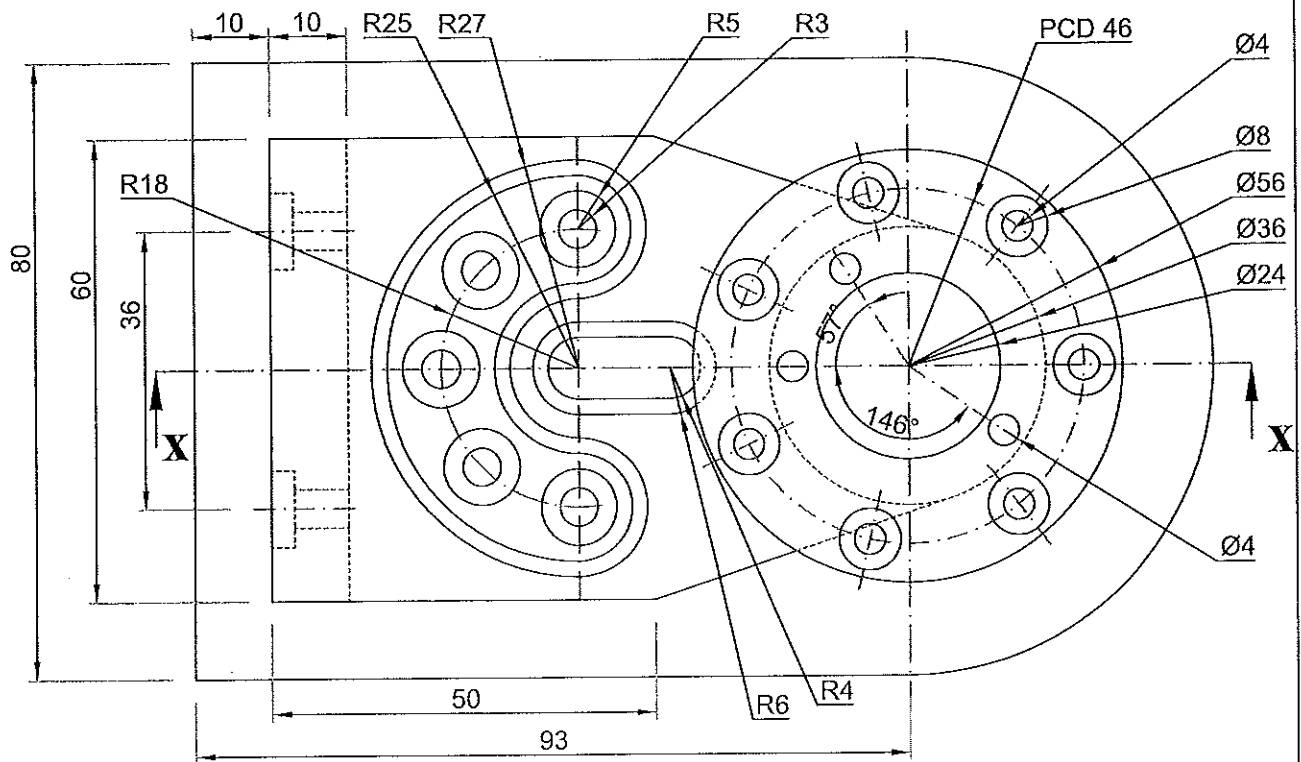
- (a) Given **Sectional Front Elevation on X-X** and the **Plan**
- (b) **End Elevation** projected to right of the Front Elevation
- (c) Name views, show hidden details
- (d) Construct a dimension style and indicate major dimensions.

Note:-

- All dimensions are in millimetres and the drawings are not in the actual scale.
- Prepare your answer script in a layout on A2 sized paper.
- **Marks are given for the approach, organization of the drawing, overall views, setting of dimension styles, titles and the Standard cage.**



SECTIONAL FRONT ELEVATION ON X-X



PLAN

Figure-01

