



Study Programme	: Bachelor of Science (Honours) in Engineering
Name of the Examination	: Final Examination
Course Code and Title	: DMX4201 – Advanced Engineering Design Graphics
Academic Year	: 2023/24
Date	: February 09, 2025
Time	: 13.30 – 16.30
Duration	: 3 hours

General Instructions

1. This question paper consists of **2 questions**.
2. **Write down your registration number in the bottom right corner of the title cage.**
3. Save the answers of the each questions with the question number followed by the registration number [ex: Q1_12345679] and save the drawings periodically to prevent data loss.
4. The solution should be drawn using a CAD software
5. **Assume any missing dimensions.**
6. Read all the instructions carefully before answering the questions.

Q1.

Construct the 3D model based on the details provided in **Figures 01** and **Figure 02**.

Q2.

Generate the following orthographic views from the model, using first-angle projection:

1. Sectional Front Elevation on **A-A**
2. End Elevation, looking in the direction of arrow **B**
3. Plan

NB

Ensure that mechanical drawing conventions are followed when generating the views.

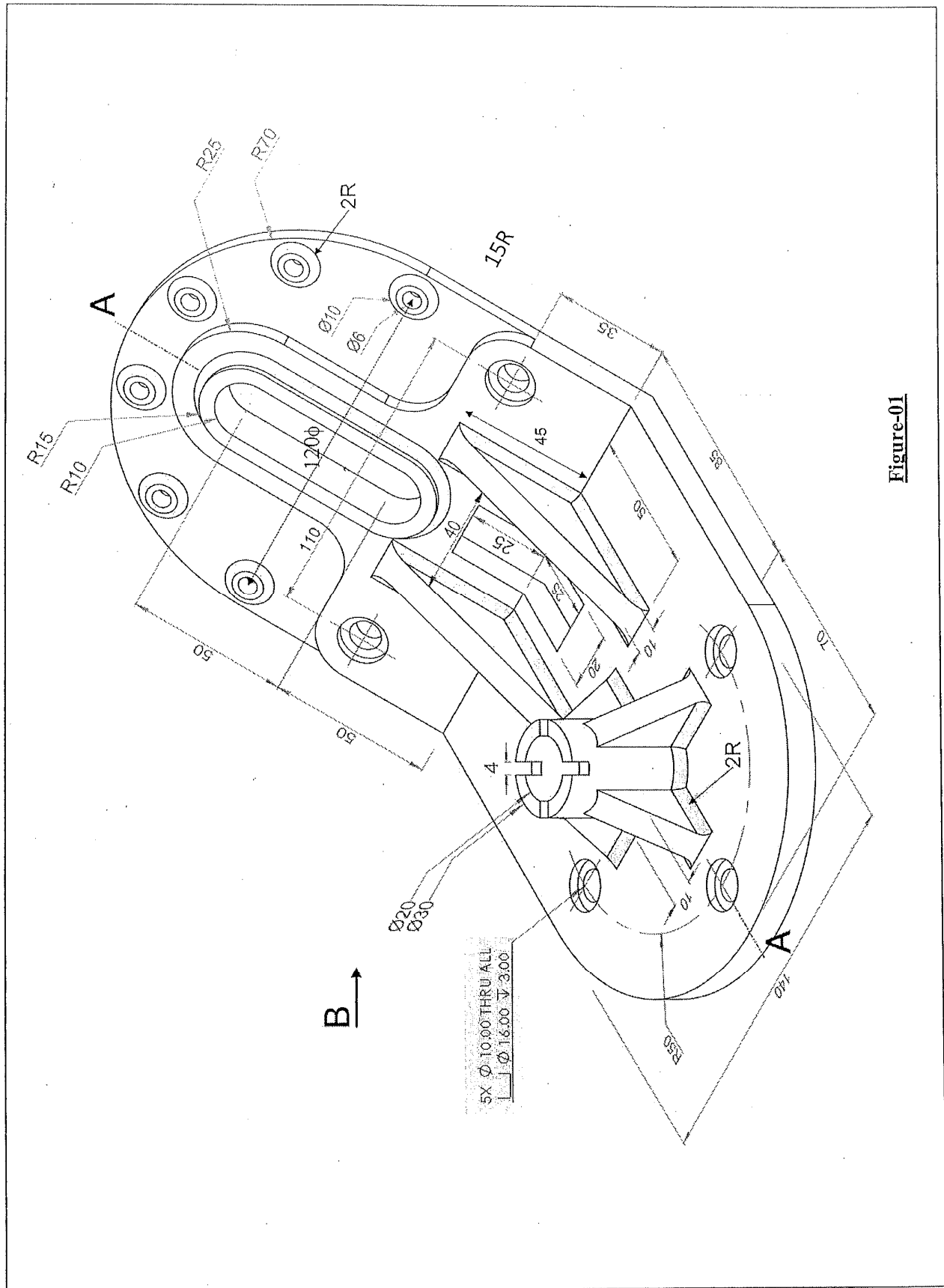


Figure-01

