UNIVERSITY COLLEGE TATI

## UNIVERSITY COLLEGE TATI (UC TATI)

| FINAL EXAMINATION QUESTION BOOKLET | |
|---|---|
| COURSE CODE | : DTD 1013 |
| COURSE | : TECHNICAL DRAWING (AUTOCAD) |
| SEMESTER/SESSION | : 1-2024/2025 |
| DURATION | : 3 HOURS |

Instructions:

1. This booklet contains **5** questions. Answer **ALL** questions.
2. All answers should be drawing in CAD File **(.dwg)**.
3. Save your drawing files in to the created folder **22A1XXXX_FINAL_ CADLABX_WSXX**. (20B0XXXX is your matrix number), (WSXX is your workstation number).
4. Write legibly and draw sketches wherever required.
5. If in doubt, raise your hands and ask the invigilator.

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO**

**THIS BOOKLET CONTAINS 6 PRINTED PAGES INCLUDING COVER PAGE**

**Instruction**:
Please ensure that all the answers to be saved together in **only one CAD file** and located at the Desktop in a folder. The folder name is: **22A1XXXX_FINAL_ CADLABX_WSXX**.

**All units are in millimeter (mm). Save drawing in CAD file (.dwg)**

## QUESTION 1

**Reproduce** the drawing as a Figure 1 as a standard:

a) Object line (10 marks)

b) Construction line (5 marks)

c) Dimensioning (5 marks)

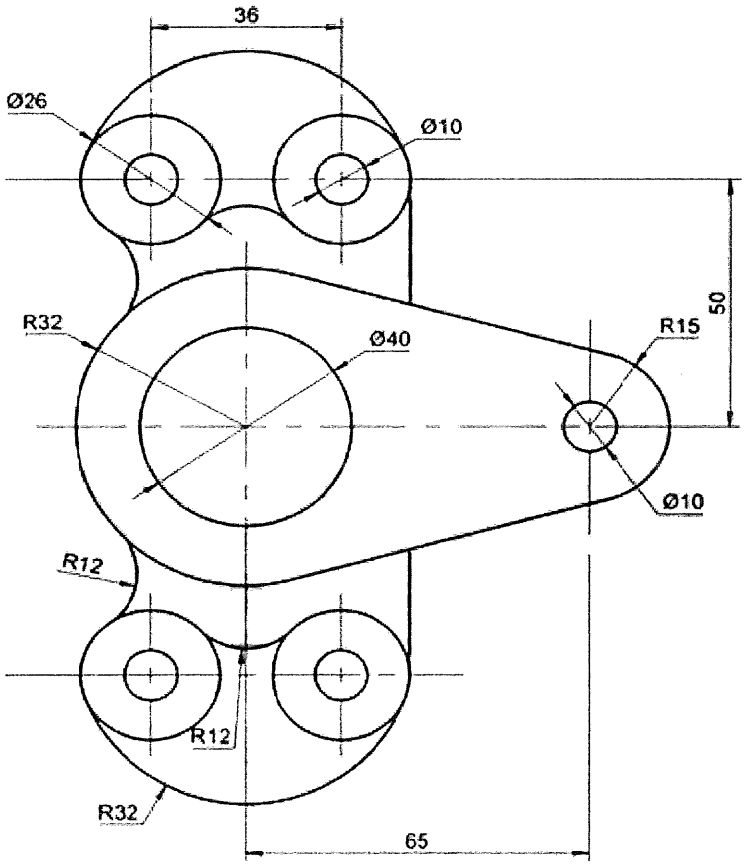



FIGURE 1

## QUESTION 2

**Reproduce** the drawing as a Figure 2 as a standard:

a) Object line (10 marks)

b) Construction line (5 marks)

c) Dimensioning (5 marks)

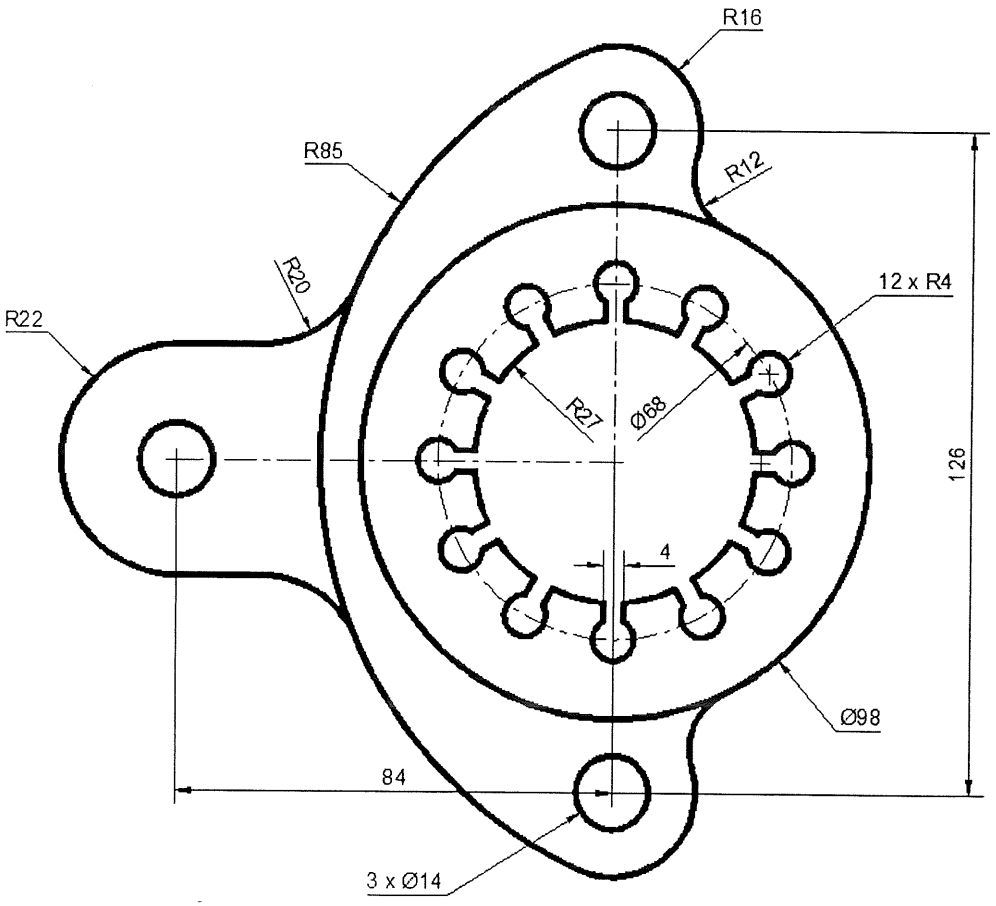



FIGURE 2

## QUESTION 3

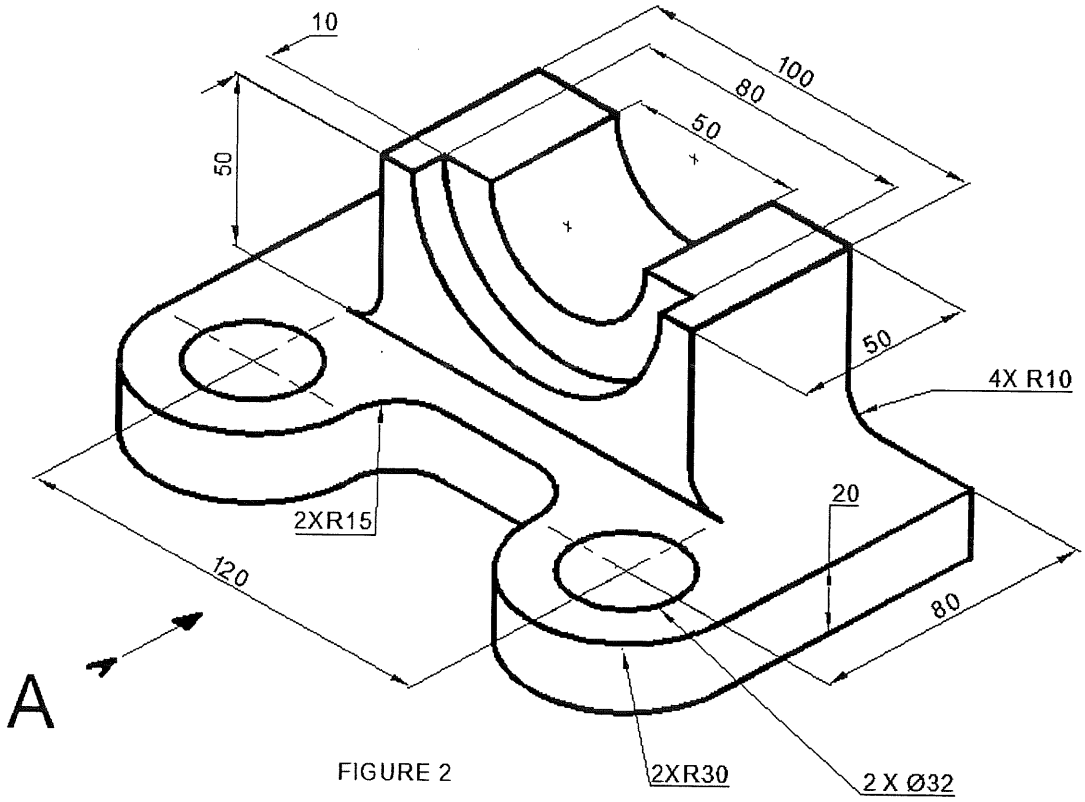
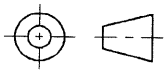



FIGURE 2

FIGURE 3

Figure 3 shows the isometric view of a part. **Construct** the part in full scale, using projection 

a. Front view from direction A (5 marks)

b. Top view (5 marks)

c. Right side view (5 marks)

d. Dimensioning (5 marks)

## QUESTION 4

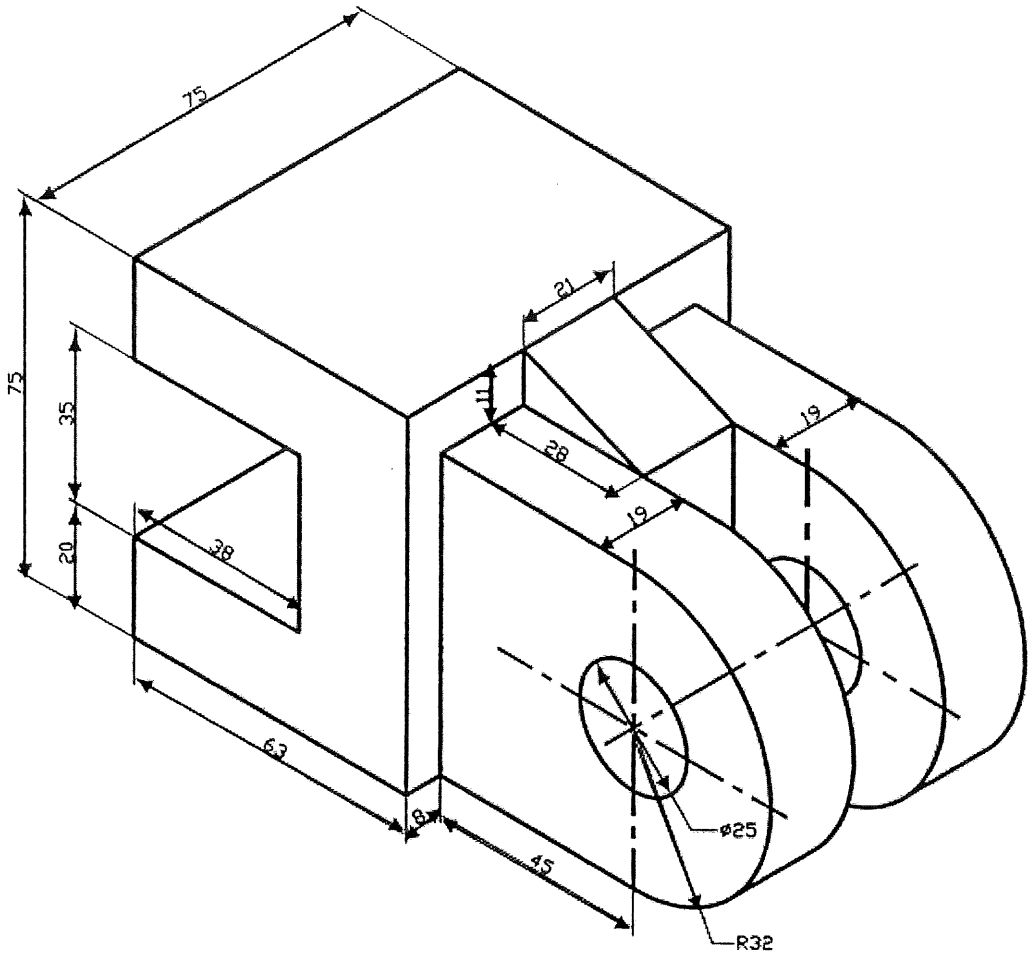



FIGURE 4

Figure 4 shows the isometric view of a part. **Illustrate** the part in full scale.

a. Object (15 marks)

b. Dimensioning (5 marks)

## QUESTION 5

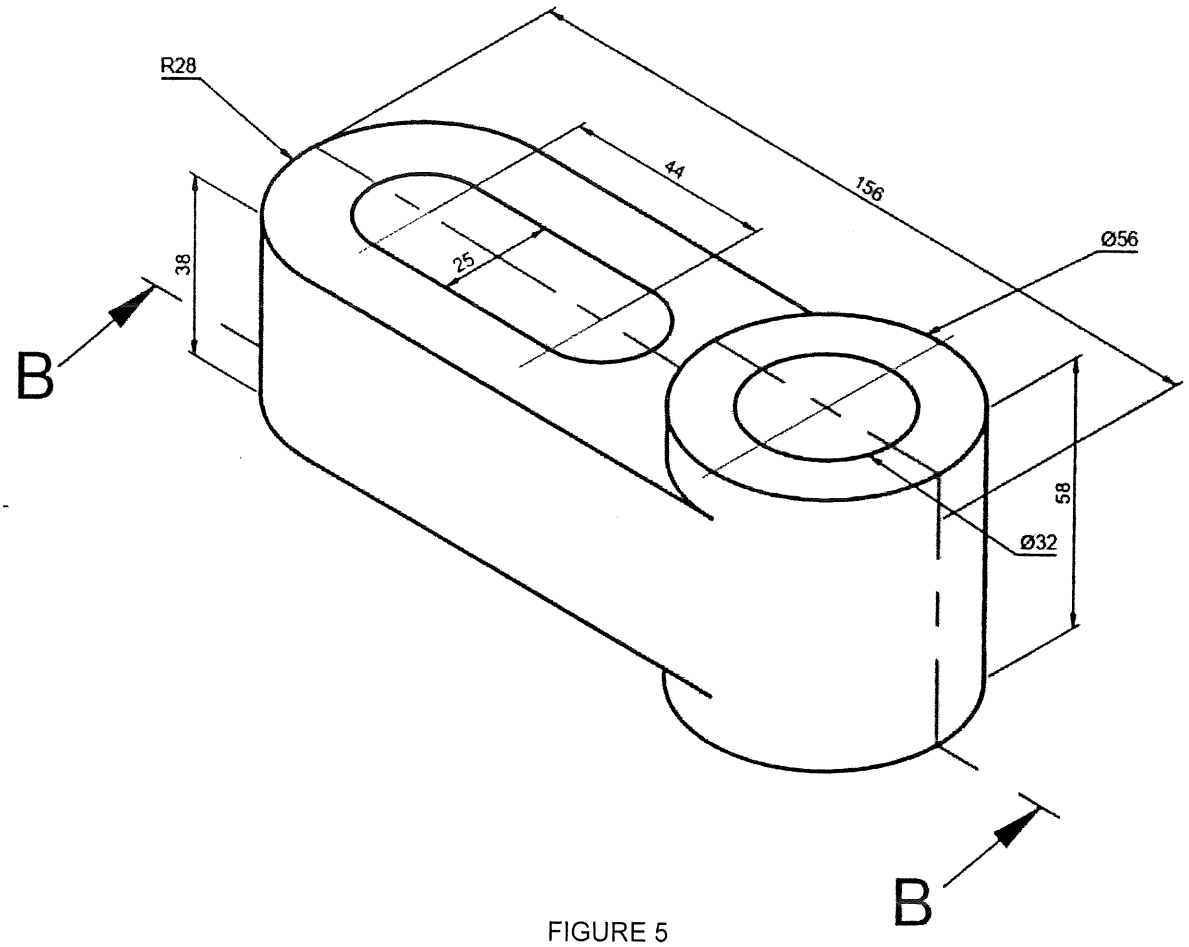



FIGURE 5

Figure 5 shows the isometric view of a part. **Construct** the part in full scale, using projection

a. Front view from direction B (5 marks)

b. Top view (5 marks)

c. Right side view (5 marks)

d. Dimensioning (5 marks)

**----------End of questions----------**