UNIVERSITY COLLEGE TATI

## UNIVERSITY COLLEGE TATI (UC TATI)

| FINAL EXAMINATION QUESTION BOOKLET | |
|---|---|
| COURSE CODE | : DTC 1022 |
| COURSE | : TECHNICAL DRAWING |
| SEMESTER/SESSION | : 1 - 2024/2025 |
| DURATION | : 3 HOURS |

Instructions:

1. This booklet contains **4** questions. Answer ALL questions.
2. All answers should be drawn in **A3** paper.
3. Write legibly and draw sketches wherever required.
4. Question booklet need to be returned after session ends.
5. If in doubt, raise up your hands and ask the invigilator.

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

**THIS BOOKLET CONTAINS 5 PRINTED PAGES INCLUDING COVER PAGE**

## QUESTION 1

a) Describe pentagon with the side is 60mm. (4 marks)

b) Define octagon with side length is 60mm. (5 marks)

c) Illustrate an ***ellipse*** having major axis of *100 mm* and minor axis of *60 mm* apart (5 marks)

## QUESTION 2

a) Prepare **Figure 1** diagram with original size. (15 marks)

b) Describe all necessaries steps on **(a)** (13 marks)

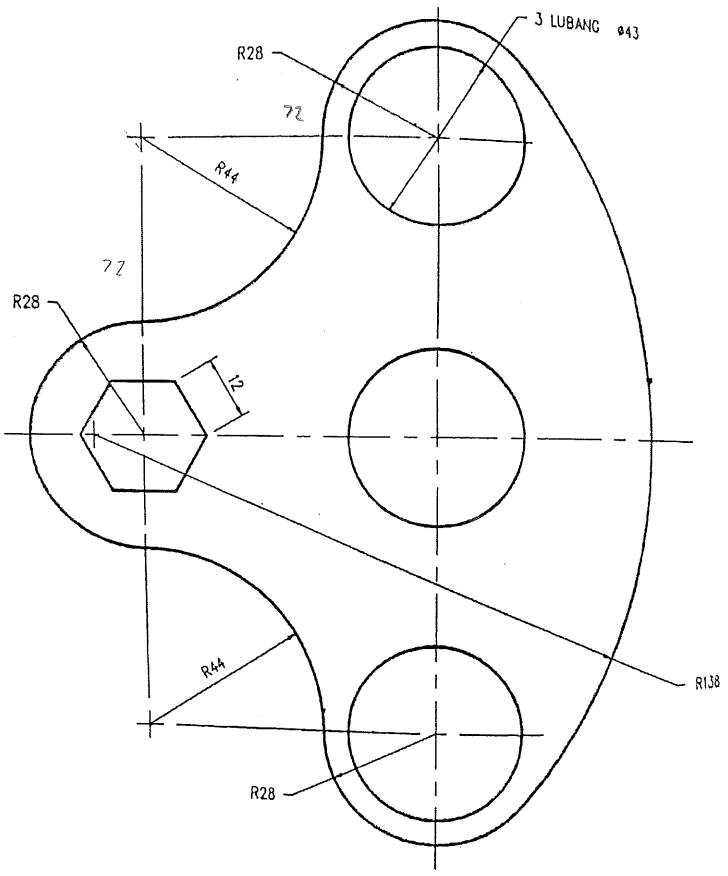


**Figure 1**

## QUESTION 3

a) Prepare the isometric design for given **Figure 2** diagram (15 marks)

b) Show all necessary steps for question **(a)** (10 marks)

c) Label all necessary dimensioning (4 marks)

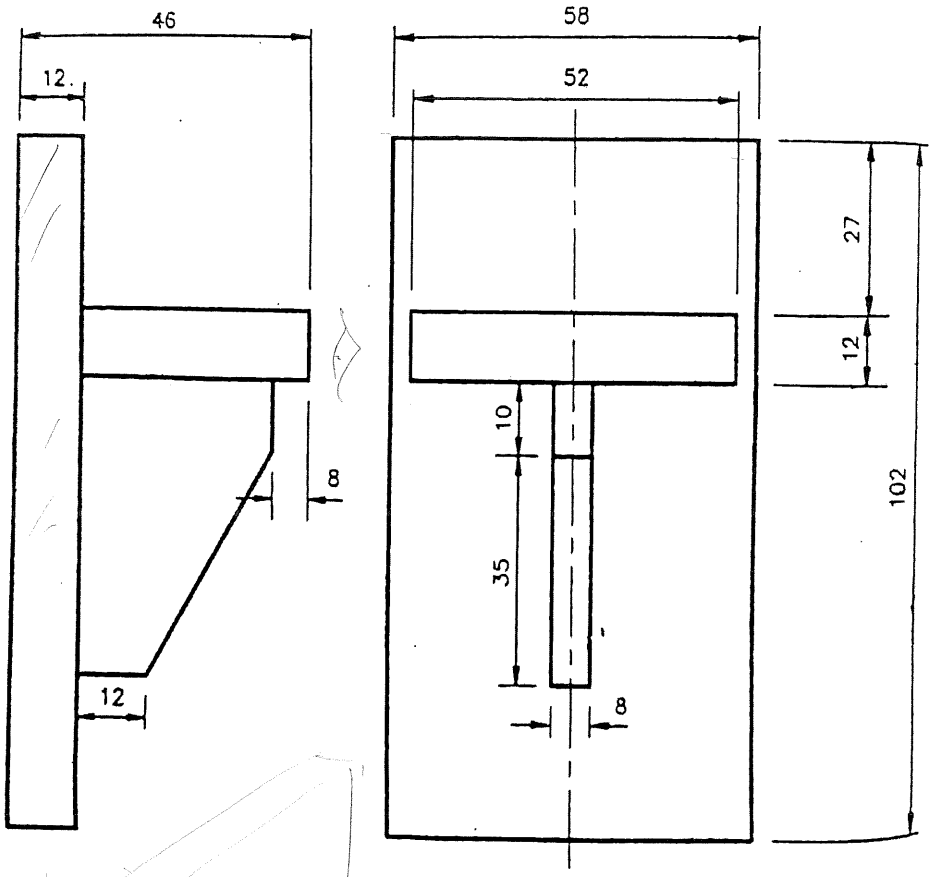


**Figure 2**

## QUESTION 4

a) Produces to full size the following views in *3rd Angle Projection.* **Front view** as seen in the direction of arrow C. (10 marks)

b) Describe the drawing in title box frame. (15 marks)

c) Label all dimensioning (4 marks)

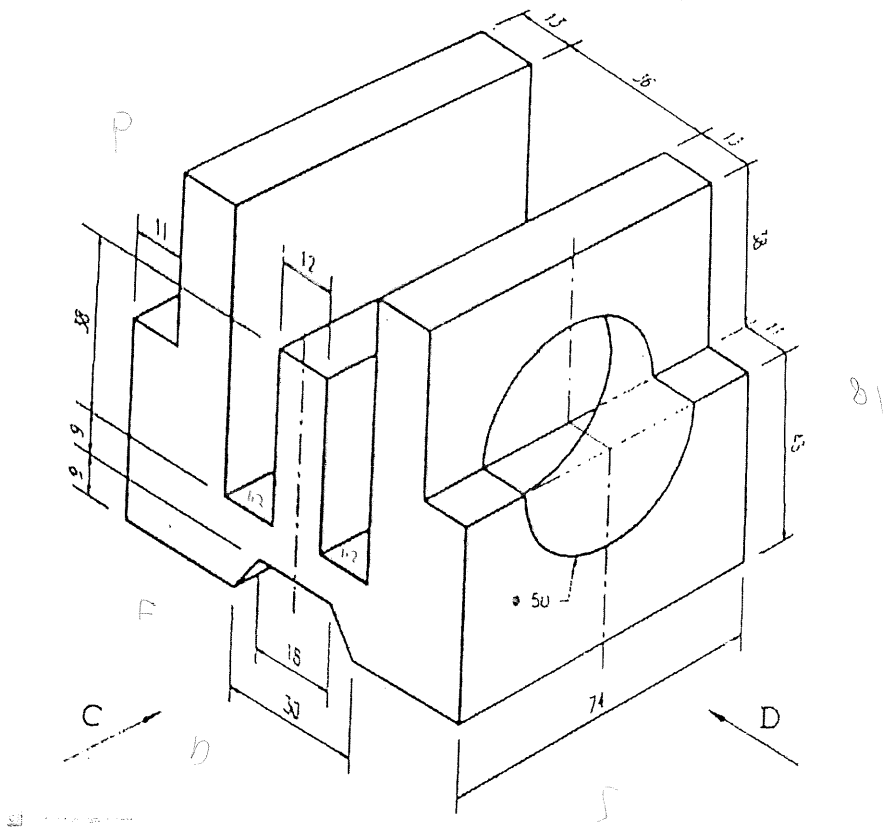


**Figure 3**

----------End of question----------