

TECHNICAL DRAWING (DTC 1022)



UNIVERSITY COLLEGE TATI (UC TATI)

FINAL EXAMINATION QUESTION BOOKLET

COURSE CODE	: DTC 1022
COURSE	: TECHNICAL DRAWING
SEMESTER/SESSION	: 2 - 2022/2023
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 6 PRINTED PAGES INCLUDING COVER PAGE

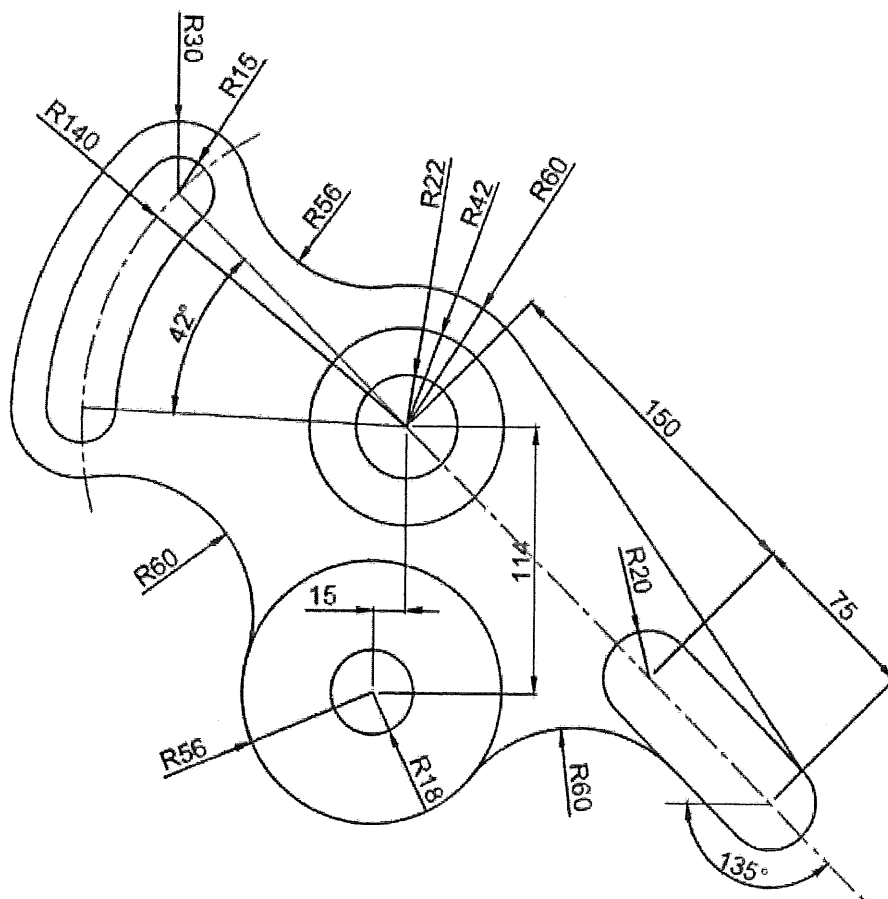
TECHNICAL DRAWING (DTC 1022)

QUESTION 1

- a) Describe pentagon with the side is 50mm. (4 marks)
- b) Define hexagon with side length is 50mm. (5 marks)
- c) Illustrate an **ellipse** having major axis of *100 mm* and minor axis of *60 mm* apart (5 marks)

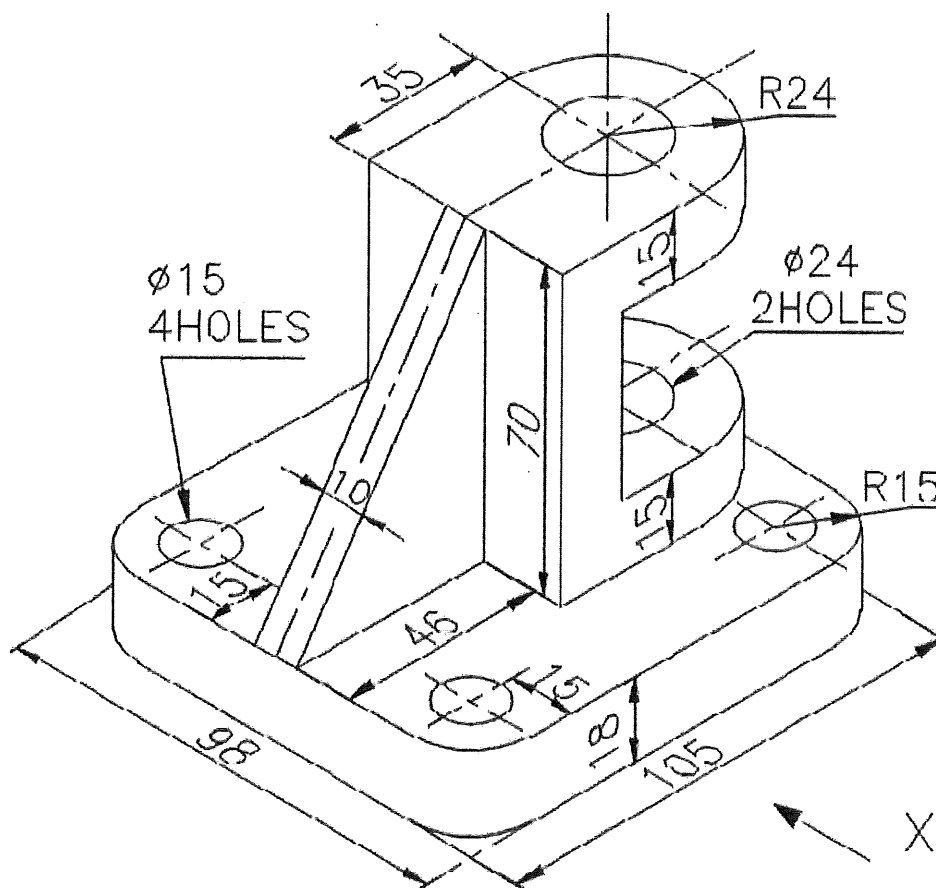
QUESTION 2

- a) Prepare **Figure 1** diagram with original size. (15 marks)
- b) Describe all necessities steps on (a) (13 marks)

**Figure 1**

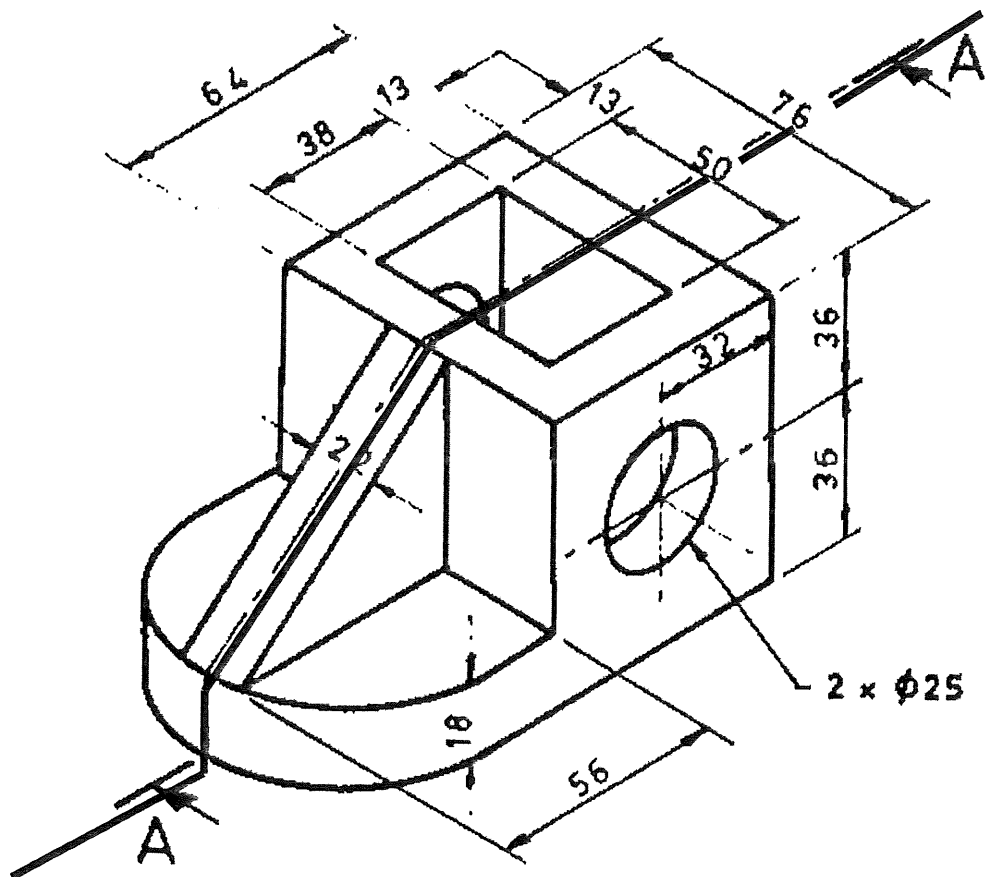
QUESTION 3

- 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) Prepare isometric drawing as per shown in **Figure 3** below (10 marks)
- b) Outline the sectional drawing as cut from 'A' line (15 marks)
- c) Label all dimensioning (4 marks)

**Figure 3**

TECHNICAL DRAWING (DTC 1022)

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