



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

2023/2024 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER EXAMINATIONS

FOR THE DEGREE

OF

**BACHELOR OF SCIENCE IN ELECTRICAL
AND COMMUNICATION ENGINEERING**

COURSE CODE: ECE 101

COURSE TITLE: ENGINEERING DRAWING

DATE: 21/12/2023

TIME: 12:00 PM – 2:00 PM

INSTRUCTIONS TO CANDIDATES

This paper contains **FOUR** Questions

Answer **question ONE (1)** and any **OTHER TWO** questions

All dimensions are in millimeters unless otherwise stated

TIME: 3 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 4 Printed Pages. Please Turn Over.

QUESTION TWO

30 MARKS

In relation to geometrical construction principles, redraw the spanner shown in Fig Q2. Use actual scale.

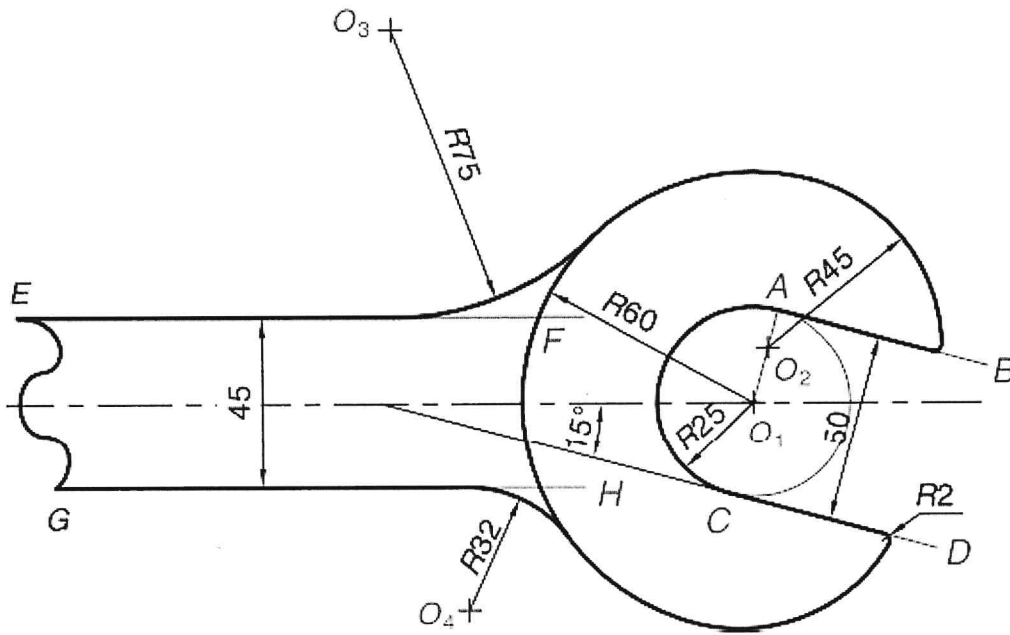


Fig Q2

QUESTION THREE

30 MARKS

For the object shown in Fig. Q3, draw:

- (i) sectional Front View
- (ii) Top View
- (iii) Side View

Use the first-angle method of projection.

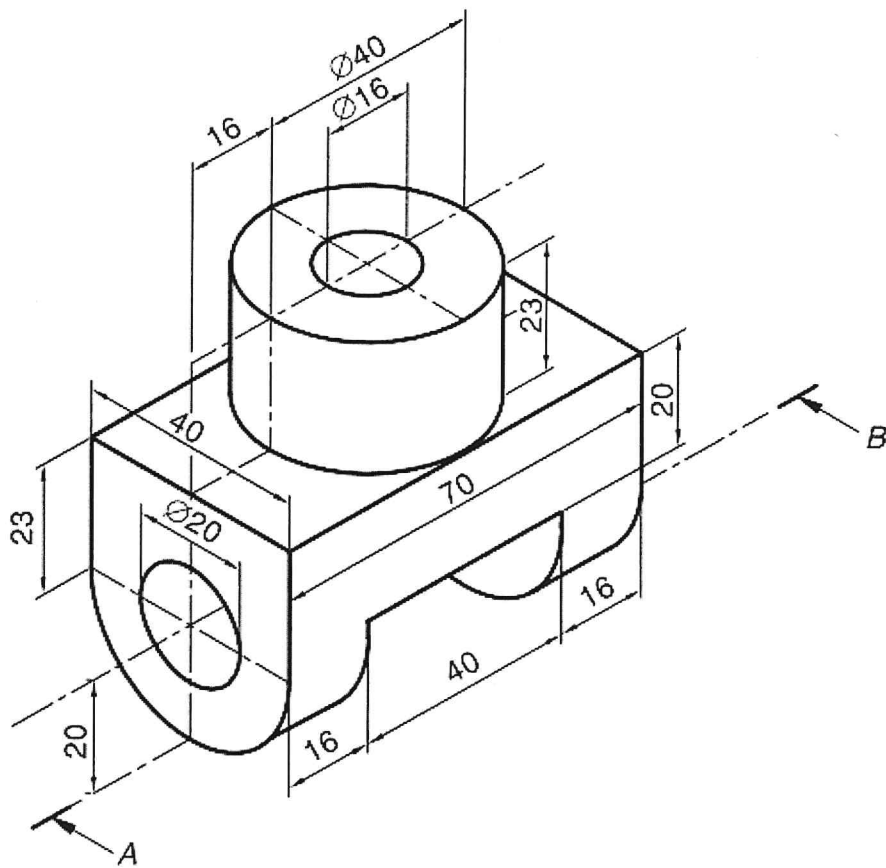


Fig. Q3

QUESTION FOUR

30 MARKS

Sketch first angle orthographic views of the following object in Fig. Q4

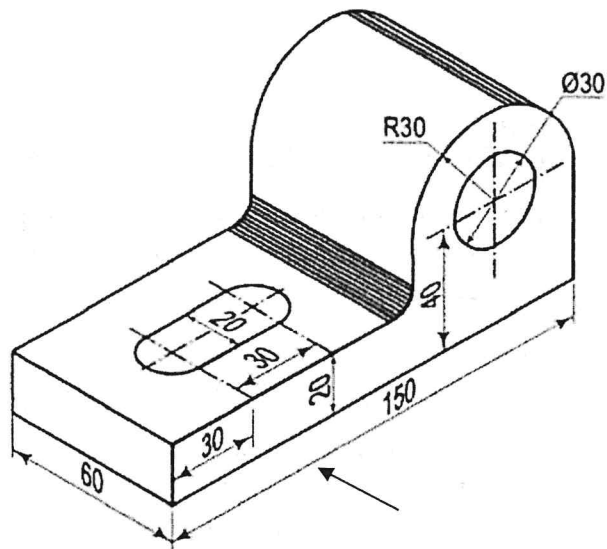


Fig. Q4