

MECHANICAL DRAWING -- ORDINARY LEVEL

1 1 3 0 5

THURSDAY, 18 JUNE - 2.00 to 4.30

INSTRUCTIONS

- (a) Not more than four questions may be attempted; two of these must be selected from Section 1 and two from Section 2.
- (b) Question No. 1 is compulsory and candidates may choose either 1(A) or 1(B). The number of the question must be distinctly marked by the side of each answer.
- (c) All questions carry equal marks; a maximum of five marks will be awarded for accuracy and neatness of arrangement in respect of each question.
- (d) Work on one side of the paper only.
- (e) Examination number must be distinctly marked on each sheet of paper used.

SECTION 1

Answer 1(A) or 1(B) and one other question from this Section

1 (A)

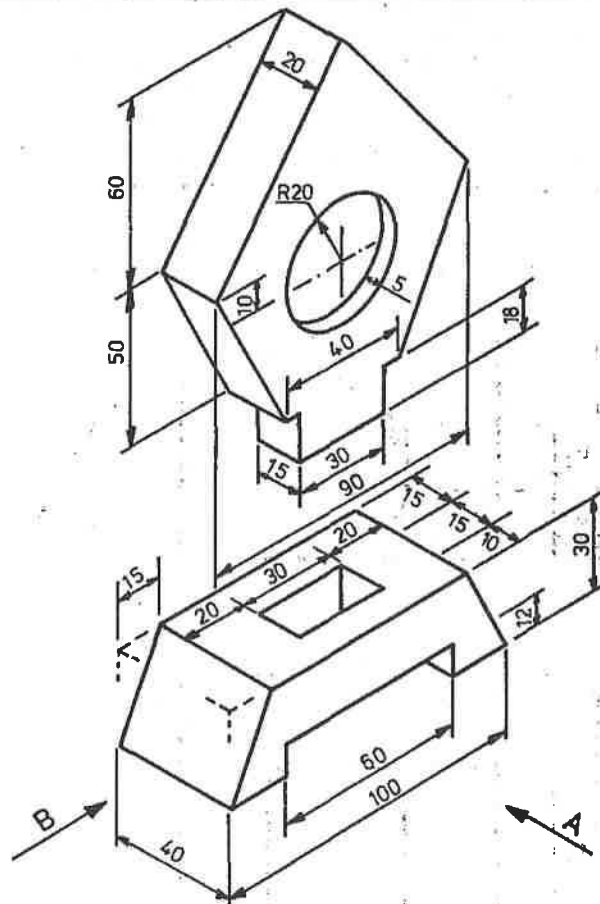


Figure 1A shows a Woodwork Project.

- (i) Make a full size drawing of the assembled project showing:-
  - (a) A front elevation looking in the direction of arrow A,
  - (b) An end elevation looking in the direction of arrow B,
  - (c) A plan projected from the front elevation.
- (ii) Insert the title of each view and any four dimensions.

OVER->

1(B)

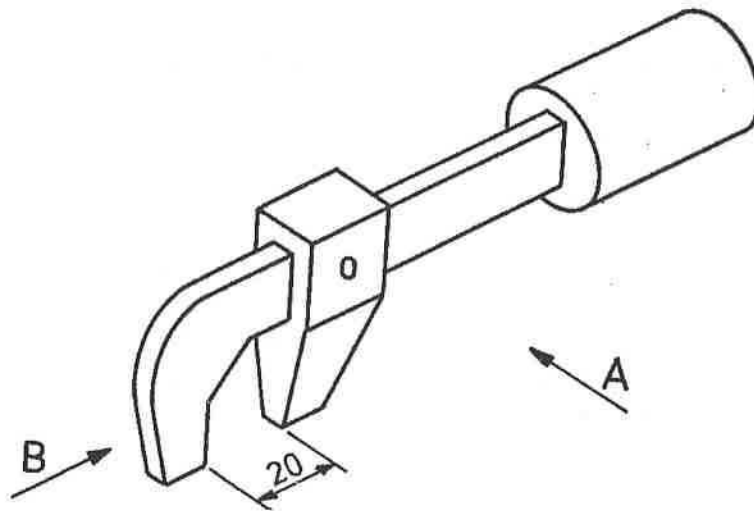
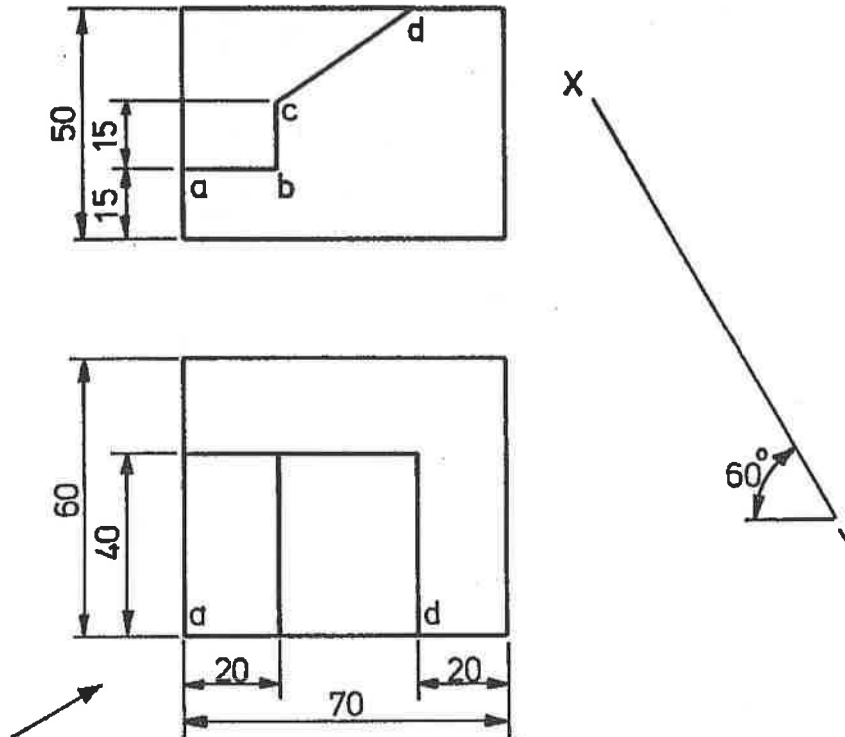


Figure 1B shows an Adjustable Spanner.

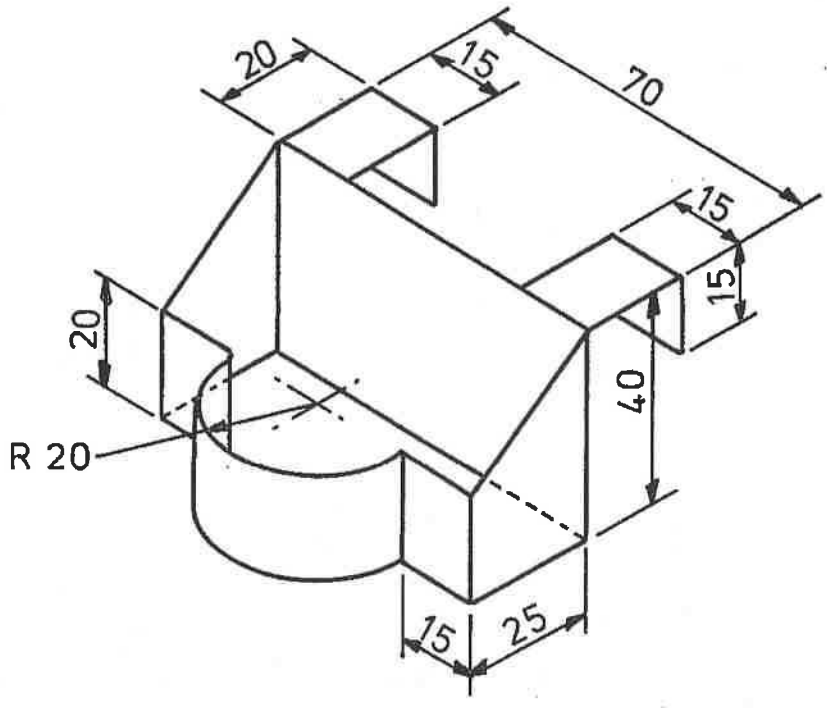
- (i) On the squared paper supplied, draw freehand, approximately full size and in good proportion the following:-
  - (a) A front elevation looking in the direction of arrow A,
  - (b) An end elevation looking in the direction of arrow B,
  - (c) A plan projected from the front elevation.
- (ii) Insert the title of each view and any four dimensions.

2



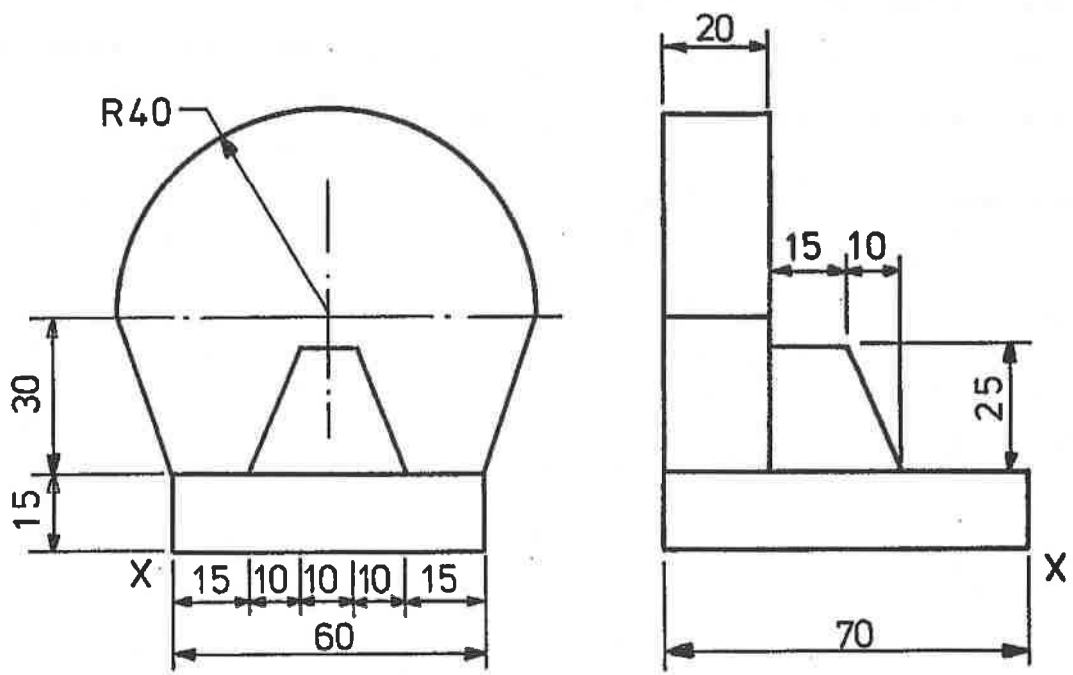
- Figure 2 shows the front elevation and plan of a shaped block. Draw full size:-
- (a) The given elevation and plan.
  - (b) An auxiliary elevation on the XY line.
  - (c) Index points a, b, c and d on all views.

3



Draw full size the total surface development of the container shown in Figure 3.

4



The front elevation and end elevation of a shaped solid are shown in Figure 4. Draw full size an isometric view of the shaped solid.

NOTE: Make X the lowest point on the drawing.

**SECTION II**  
**Answer any two questions from this section**

