1A. 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.
Figure 1B shows a toy ship.

(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

The front elevation and end elevation of a shaped solid are shown in Figure 2.
Draw full size one of the following views:
(a) An ISOMETRIC VIEW, with point X the lowest point on the drawing.

OR

(b) An OBLIQUE VIEW, drawn to the left hand side.
Draw full size the total surface development of the container shown in Figure 3.

The front elevation and plan of a cut square based pyramid are shown in Figure 4.
Draw full size:
(a) The given elevation and plan.
(b) An auxiliary elevation on the X, Y, line
(c) Index points a, b, c and d on all views.
SECTION II
Answer any two questions from this section

5

Draw full size the outline of the centre square shown in Figure 5.
NOTE: All construction lines must be clearly shown.

6

Draw full size:
(a) The outline of the football (Ellipse) as shown in Figure 6. Major axis 140 mm, minor axis 80 mm.
(b) Measure and write down the length and the height as indicated.
NOTE: All construction lines must be clearly shown.

7

Draw full size:-
(a) A line 200 mm long.
(b) Divide the line into the ratio of 8:5:8 and then draw the triangle ABC as shown in Figure 7.
(c) Using the side bc of the triangle construct a regular pentagon.
NOTE: All construction lines must be clearly shown.

8

A design for a mantelpiece is shown in Figure 8. Draw full size:
(a) The given design
(b) A similar mantelpiece increasing the length AB to 80 mm and all other dimensions in the same proportion.
NOTE: All construction lines must be clearly shown.