

JUNIOR CERTIFICATE EXAMINATION, 2001

TECHNIQUES AND DESIGN

METALWORK

HIGHER LEVEL - PRACTICAL 150 marks

Tuesday, 8th MAY, 2001

9.30 a.m. - 12.30 p.m. or 2.00 p.m. - 5.00 p.m.

INSTRUCTIONS TO CANDIDATES

- (a) The Candidate's Examination Number must be stamped or engraved by the **teacher** in the position shown on the drawing. If the test piece is not assembled, the Examination Number must be indicated on each piece of the test.
- (b) Candidates are not permitted to communicate with or assist one another.
- (c) The mild steel pieces must be very lightly coated with clean lubricating oil.

From the materials supplied, make the model shown on the drawings to the shape and dimensions specified.

Part 1: MATERIAL: Mild Steel or Aluminium, mark out, drill, tap and shape.

Part 2: MATERIAL: Aluminium, mark out, drill, shape and bend.

Part 3: MATERIAL: Aluminium or Nylon, turn to shape and drill.

Part 4: MATERIAL: Aluminium or Acrylic, mark out, drill and shape.

- NOTE:**
- 1. Part 3 has been made prior to the examination day.
 - 2. Assemble the parts using the set screws and nut supplied.
 - 3. Rust preventative must not be applied to the Acrylic or other non-ferrous parts.