

AN ROINN OIDEACHAIS
(Department of Education.)

INTERMEDIATE CERTIFICATE EXAMINATION, 1947.

MECHANICAL DRAWING AND DESIGN.
(COURSE A.)

THURSDAY, 19th JUNE.—MORNING, 10 TO 12.

INSTRUCTIONS.

- (a) The use of drawing instruments is allowed.
- (b) The number of the question must be distinctly marked by the side of each answer.
- (c) The same number of marks is allotted to each question.
- (d) Colour MUST be used.
- (e) Questions marked (*) have accompanying diagrams.

ONE QUESTION ONLY TO BE ATTEMPTED.—[100 marks].

*Q. 1. Draw a design for the decoration of the back of a chair of the shape and to the dimensions shown on the diagram. The lay-out of the whole design should be indicated, and at least *half* completed in colour.

*Q. 2. Draw a design for a Poster or Showcard, 8 inches by 10 inches (vertical), and using as the principal motif of the design two or more of the objects illustrated on the diagram.

Additional features may be added if considered appropriate.

Simple "one-stroke" lettering may be used to indicate the title or announcement. Complete as much of the design as possible in colour.

Q. 3. Make a design in colour, for an Embroidered, Stencilled, or Woven Table-cloth. The design is to occupy a square of 36 inches side.

Scale: $\frac{1}{4}$ full-size.

At least *one quarter* of the design should be completed in colour.

Q. 4. Make a design for an "all-over" drop pattern composed of repeated units, $2\frac{1}{2}$ inches square; using as the principal motif, a Bird, a Butterfly, an "Emblem" or "Device," or any other feature of equal interest.

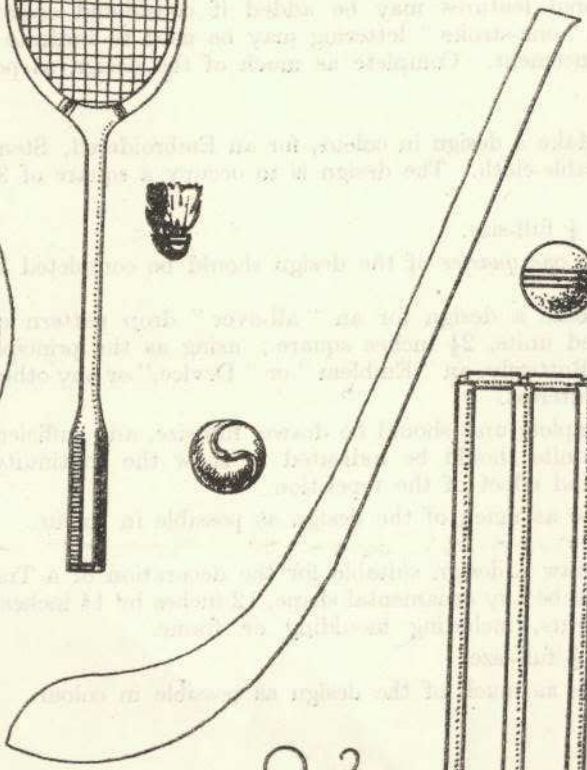
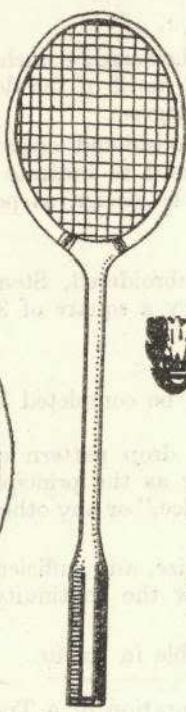
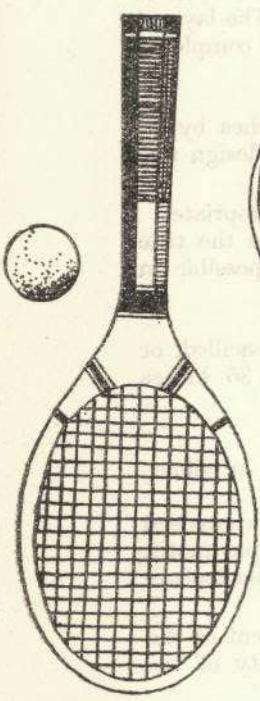
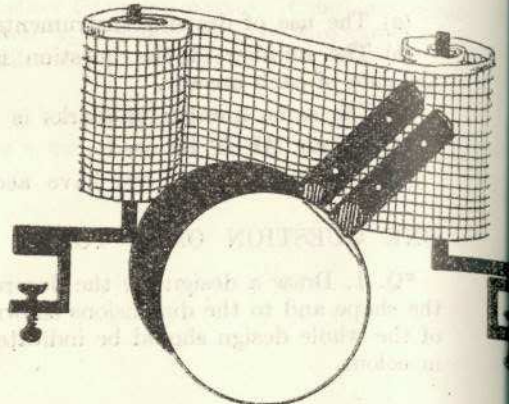
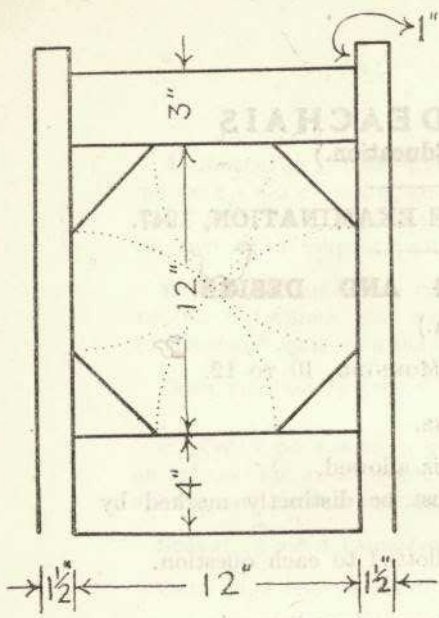
One complete unit should be drawn full-size, and sufficient of the adjacent units should be indicated to show the continuity of the pattern, and effect of the repetition.

Complete as much of the design as possible in colour.

Q. 5. Draw a design suitable for the decoration of a Tray. The design may be any ornamental shape, 12 inches by 14 inches, outside measurements, including moulding or frame.

Scale: $\frac{1}{2}$ full-size.

Complete as much of the design as possible in colour.



Q.2.