AN ROINN OIDEACHAIS
(Department of Education).

INTERMEDIATE CERTIFICATE EXAMINATION, 1949.

MECHANICAL DRAWING AND DESIGN.
(COURSE A.)

SATURDAY, 18*th* *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 answer.

(*c*) Colour MUST be used.

(*d*) Questions marked (*) have accompanying diagrams.

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

* Q. I. Draw a design for the decoration of a lampshade, of the shape and to the dimensions shown in 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. Draw a design for a tile suitable for a mantelpiece in a nursery. The size of the tile is to be $4\frac{1}{2}$ inches square. One tile should be completed, full-size, and sufficient of the adjacent tiles should be indicated to show the continuity of the pattern and effect of the repetition.
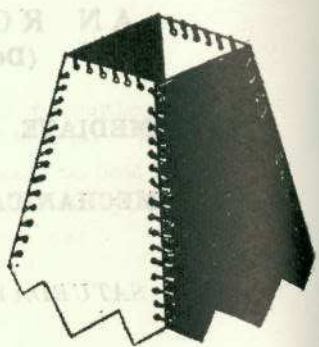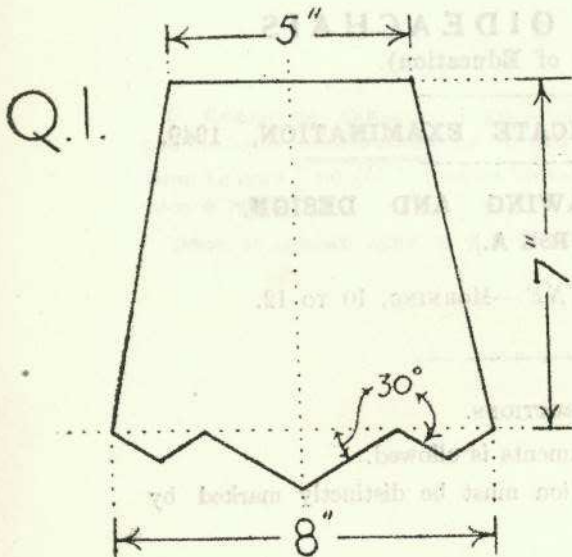
Complete as much of the design as possible in colour.

Q. 4. Draw a design for an ornamental Clock-case in the form of a regular octagon of 3 inches side, and having a circular hole of 3 inches diameter, pierced through its centre. Any style of ornament may be selected, and the design is to be suitable for Leathercraft, Repoussé Metal, Enamelling, Inlay, Woodcarving, or Stained wood.

Complete as much of the design as possible in colour.

Q. 5. Draw a design for the lid of a rectangular box to contain *one* of the following :—(*a*) "Pens and Pencils," or (*b*) "Drawing Instruments." The size of the lid is to be 8 inches by 4 inches.

Complete as much of the design as possible in colour.

Q.1.

Q.2.