

AN ROINN OIDEACHAIS

(Department of Education).

LEAVING CERTIFICATE EXAMINATION, 1943.

MECHANICAL DRAWING AND DESIGN.

COURSE A—PASS.

THURSDAY, 17th JUNE.—MORNING, 11.15 TO 1.15 p.m.

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 ; both sides of the paper may be used.
- (c) The same number of marks is allotted to each question.
- (d) Colour **MUST** be used.

ONE QUESTION ONLY TO BE ATTEMPTED.

1. Make a design for the side and back of a Book-jacket, suitable for a book on *one* of the following subjects :—

- (a) "Heraldry", or
- (b) "Cookery", or
- (c) "Fishing".

The size of the book is 9 inches by 6 inches, and $1\frac{1}{4}$ inches thick. Complete as much of the design as possible in colour.

2. Make a design for a Finger-plate to be fixed to a door. The design is to occupy a rectangle $7\frac{1}{2}$ inches by 3 inches, (vertical). The design should be suitable for reproduction in Bronze, Repousse Metal, Enamelling, Painted Wood or Glass. Complete as much of the design as possible in colour.

3. Draw a design for a Strip-poster, 20 inches by 6 inches, (horizontal), to advertise *one* of the following :—

- (a) "Perfume", or (b) "Tooth-paste", or (c) "Electric Light Bulbs".

Scale : $\frac{1}{2}$ full-size. Simple "One-stroke" lettering may be used to indicate the title or slogan. Complete as much of the design as possible in colour.

4. Make a design suitable for an ornamental Belt, $2\frac{1}{2}$ inches wide. The design is to be based on a repeating pattern having a unit of repeat 4 inches long. Complete one repeat in colour, and show the main lines of the adjacent repeats.

5. 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.