

AN ROINN OIDEACHAIS

(Department of Education).

LEAVING CERTIFICATE EXAMINATION, 1943.

MECHANICAL DRAWING AND DESIGN.

COURSE A—HONOURS.

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 the answer.
- (c) The same number of marks is allotted to each question.
- (d) Colour MUST be used.

ONE QUESTION ONLY TO BE ATTEMPTED.

Q. 1. Draw a design for a Stair-carpet based on a repeating pattern.

The carpet is 22 inches wide, and the unit of repeat is to be 18 inches long. One repeat should be completed, and sufficient of the adjacent repeats 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. 2. Make a design for a Hanging-sign, to be suspended over the door of *one* of the following shops:—

- (a) "A Fruit Shop," or
- (b) "A Flower Shop," or
- (c) "A Fish Shop."

The design may be any ornamental shape, 24 inches by 32 inches, outside measurements, including moulding or frame.

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

Complete as much of the design as possible in colour.

Q. 3. Make a design for an "All-over" Drop Pattern based on rectangles 8 inches by 4 inches.

The design is to be suitable for *one* of the following:—

- (a) "Chinz" (or Printed Cretonne), or
- (b) "Wallpaper," or
- (c) "Woven Fabrics."

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

One complete unit should be drawn and sufficient of the adjacent units 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, one-fourth of full-size, for a Poster to be printed in colour on a 20 inches by 30 inches sheet.

The poster is to advertise *one* of the following:—

- (a) "Artists Colours," or
- (b) "Coloured Inks," or
- (c) "Knitting Wools."

Simple "one-stroke" lettering may be used to indicate the title or slogan.

Complete as much of the design as possible in colour.

Q. 5. Draw a design for the cover of a Catalogue to advertise *one* of the following:—

- (a) "Tools," or
- (b) "Toys," or
- (c) "Flower Seeds."

The size of the cover is to be 5 inches by 8 inches (vertical).

A blank space may be left for the title.

Complete as much of the design as possible in *two* colours.