

AN ROINN OIDEACHAIS

(Department of Education).

LEAVING CERTIFICATE EXAMINATION, 1948.

MECHANICAL DRAWING AND DESIGN.

COURSE A—PASS.

THURSDAY, 24th 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 the answer.
- (c) Colour MUST be used.

ONE QUESTION ONLY TO BE ATTEMPTED [100 marks.]

Q. 1. 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) "Knitting Wools," or (b) "Cutlery," or (c) "Toilet Soap." Simple "One-stroke" lettering may be used to indicate the title or announcement.

Complete as much of the design as possible in colour.

Q. 2. Draw a design, full-size, for the back of a Hand-mirror (handle to be omitted). The design is to occupy a regular hexagon of 3 inches side, and should be suitable for either Leathercraft, Painted Wood, or Metalwork and Enamelling. 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) "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 for a "Table-centre." The design may be any ornamental shape, 8 inches by 12 inches, outside measurement, and to be suitable for either Leathercraft, Embroidery, Lace, Stencilling, Patchwork, or Tapestry.

Complete as much of the design as possible in colour.

Q. 5. Make a design for the side and back of a Book-jacket, suitable for a book on *one* of the following subjects :—

(a) "Boating," or (b) "Fairy Tales," or (c) "Needlework."
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.