

AN ROINN OIDEACHAIS

(Department of Education).

LEAVING CERTIFICATE EXAMINATION, 1942.

MECHANICAL DRAWING AND DESIGN.

COURSE A—HONOURS.

WEDNESDAY, 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. 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 Ship, or a Star, or a Bird, 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. 2. Make 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) A Horse Show,

or

(b) A Play, *

or

(c) A Concert.

Complete as much of the design as possible in colour.

Q. 3. Draw a design to be placed on a cylindrical Lampshade of the following dimensions :—Diameter 7 inches, Depth 6 inches. The design must be composed of at least three repeats.

Complete as much of the design as possible in colour.

Q. 4. Draw a design for an " All-over " repeating pattern suitable for *one* of the following :—

(a) The cover of a Prospectus for a School or College ($5\frac{1}{2}'' \times 9''$).

(b) The cover of a Music Book ($10'' \times 8''$).

A blank space may be left for the title.

Complete as much of the design as possible in colour.

Q. 5. Make a design for a Hearthrug, 40 inches by 20 inches, suitable for a room the general colour scheme of which is Brown, Orange, and Cream.

The design may be based on a rectangle, or a diamond shape, or a semicircle. Scale : $\frac{1}{4}$ full-size.

Complete as much of the design as possible in colour.