

1934

## Industrial Design (4th Year): Technical School Examinations 1934

Department of Education: Technical Instruction Branch

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Department of Education: Technical Instruction Branch, "Industrial Design (4th Year): Technical School Examinations 1934" (1934). *Technical Schools:Examination Papers*. 152.

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# COURSES IN ART.

(109)

## AN ROINN OIDEACHAIS.

(Department of Education.)

## BRAINSE AN CHEARD-OIDEACHAIS.

(Technical Instruction Branch.)

### TECHNICAL SCHOOL EXAMINATIONS.

1934.

#### INDUSTRIAL DESIGN.

(Fourth Year.)

*Tuesday, May 8th—6 to 10 p.m.*

*Examiner—OSWALD REEVES, ESQ., A.R.C.A. (Lond.).*

*Co-Examiner—P. O'SULLIVAN, ESQ., A.R.C.A. (Lond.).*

#### GENERAL INSTRUCTIONS.

Enter your Examination Number and the subject of Examination on your envelope and on each sheet of paper sent in, but do not write your name on any of them. No credit will be given for work upon which your name is written or upon which your Examination Number is not written.

You must not, under any circumstances whatever, speak to or communicate with another candidate; and no explanation of the subject of the examination may be asked for or given.

You must remain seated until your work has been taken up, and then leave the examination-room quietly. No candidate will be allowed to leave before the expiration of twenty minutes from the beginning of the examination, and no candidate will be re-admitted after having once left the room.

If you break any of these rules, or use any unfair means, you are liable to be dismissed from the examination, and your examination may be cancelled by the Department.

*Four hours are allowed for this paper. Worked exercises, unless previously given up, will be collected at 10 p.m.*

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#### INSTRUCTIONS.

*Read the General Instructions on page 1.*

Select one of the following subjects and make a workman-like design. Also write a brief description of the technical process of executing the design in the material, and add three sketches of historic examples showing qualities in design that guide you in your own work.

1. FOR CONSTRUCTIONAL CRAFTSMANSHIP—Needlework, Metalwork, Jewellery, Wrought Ironwork, Leatherwork, Woodwork, Pottery, etc.

A design is required for some article of your own choice that you know how to make, providing for skilled craftsmanship without elaboration. You are required to show ability in design in determining the structural forms and shape of the article, and its suitably restrained enrichment. State the scale or scales used.

2. FOR DECORATIVE CRAFTSMANSHIP—Stained Glasswork, Mosaic Work, Enamelling, Illuminating, etc.

A design is required for a panel of your own choice both in form and subject matter, which you know how to execute. Show your ability to design decoration that is original, has distinction, and affords scope for skilled craftsmanship without elaboration. State the scale or scales used.

3. FOR MECHANICAL REPRODUCTION—Printing and Weaving.

A panel 2 feet 6 inches in width and 4 feet in depth is to be covered with a material having a repeating pattern, printed or woven, of which the unit of repeat is 12 inches square. Draw the panel to the scale of  $1\frac{1}{2}$  inches to 1 foot, and indicate how the units are to be arranged in applying the patterned material to the panel. Draw complete to the scale of three-fourths, one unit of the repeating pattern, indicating sufficient of the adjacent units to show the continuity of the pattern.