

AN ROINN OIDEACHAIS

(Department of Education).

LEAVING CERTIFICATE EXAMINATION, 1945.

MECHANICAL DRAWING AND DESIGN.

COURSE B—PASS—BOYS AND GIRLS.

WEDNESDAY, 20th JUNE.—MORNING, 10 TO 12 NOON.

BOYS ONLY.

NOTE—The use of mathematical instruments, protractors, scales, T- and set-squares, and drawing-boards is allowed.

The number of the question must be distinctly marked by the side of each answer. Both sides of the paper may be used.

Questions marked (*) have accompanying diagrams.

ONLY THREE questions to be attempted, not more than two of which are to be taken from Section A or Section B.

All questions carry equal marks.

SECTION A.

(The questions in this Section must be solved accurately with the aid of drawing instruments. All lines used in construction should be clearly shown.)

*1. Draw the diagram to the dimensions given and within it draw in suitable proportions the words "AN LÁM DEARΣ" in Gaelic letters, or the words "THE RED HAND" in Roman letters.

*2. An outlined dimensioned diagram of a Cabinet-door is given.

Draw the diagram full-size to the dimensions indicated.

*3. The diagram shows the end elevation, side elevation, and plan of a roof and chimney.

Draw a new elevation on X' Y'.

*4. An ornamental border for Woodcarving is shown on the diagram.

Draw two repeats of the border according to the figured dimension,

SECTION B.

5. Draw a design for the decoration of a Firescreen.

The design is to occupy an upright rectangular panel 6 inches high, and 3 inches wide, and should be for some definite craft-work.

(Colour MAY be used in answering this question.)

6. Draw a design for a hexagonal Tea-pot Stand, to occupy a regular hexagon of $2\frac{1}{2}$ inches side.

The design may be composed of Celtic, Floral, or Geometric ornament.

(Colour MAY be used in answering this question.)

7. Draw a design for a Poster to advertise "BOOKS."

The design is to be rectangular in shape 4 inches by 6 inches (vertical).

Not more than four colours may be used.

(Colour MAY be used in answering this question.)

8. Draw a design in Black and White suitable for the Tail-piece of a Book.

The design is to occupy an equilateral triangle of $3\frac{1}{2}$ inches side, standing on its angular point.

Any style of ornament may be used.

GIRLS ONLY.

NOTE—The use of mathematical instruments, protractors, scales, T- and set-squares, and drawing-boards is allowed.

The number of the question must be distinctly marked by the side of each answer. Both sides of the paper may be used.

Questions marked (*) have accompanying diagrams.

ONLY THREE questions to be attempted, not more than two of which are to be taken from Section A or Section B.

All questions carry equal marks.

SECTION A.

(The questions in this Section must be solved accurately with the aid of drawing instruments. All lines used in constructions should be clearly shown.)

*1. Draw the diagram to the dimensions given, and within it draw in suitable proportions the words "AN LAM OEAR5" in Gaelic letters, or the words "THE RED HAND" in Roman letters.

*2. An outline dimensioned diagram of a Silver Cup and Cover is given.

Draw the diagram full size to the dimensions indicated.

*3. The diagram represents a portion of Arabian ornament. Draw the diagram full-size to the dimensions given.

*4. An ornamental border for Lace is shown on the diagram.

Draw two repeats of the border according to the figured dimension.

SECTION B.

5. Draw a design for the decoration of a Firescreen.

The design is to occupy an upright rectangular panel 6 inches high, and 3 inches wide, and should be for some definite craft-work.

(Colour MAY be used in answering this question.)

6. Draw a design for a hexagonal Tea-pot Stand, to occupy a regular hexagon of $2\frac{1}{2}$ inches side.

The design may be composed of Celtic, Floral, or Geometric ornament.

(Colour MAY be used in answering this question.)

7. Draw a design for a Poster to advertise "BOOKS."

The design is to be rectangular in shape 4 inches by 6 inches (vertical)

Not more than four colours may be used.

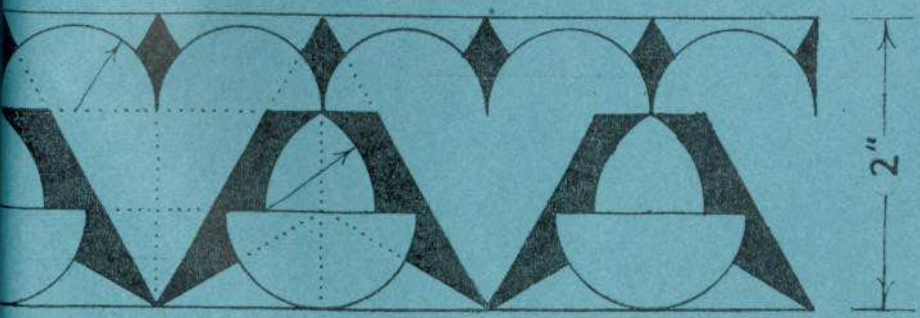
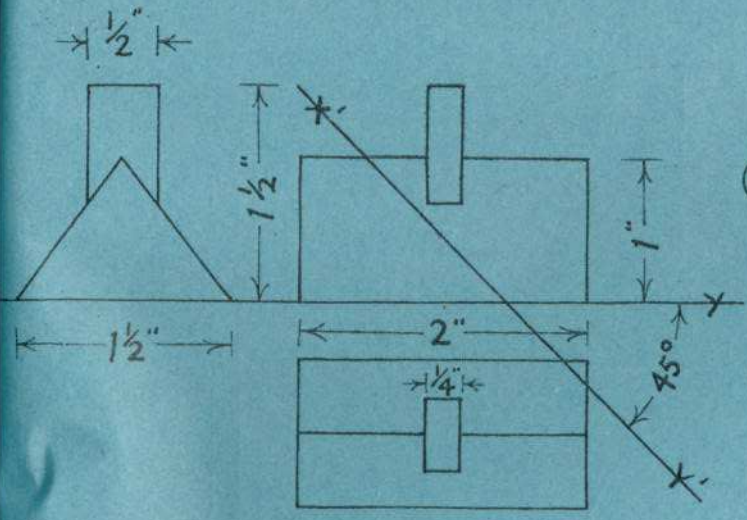
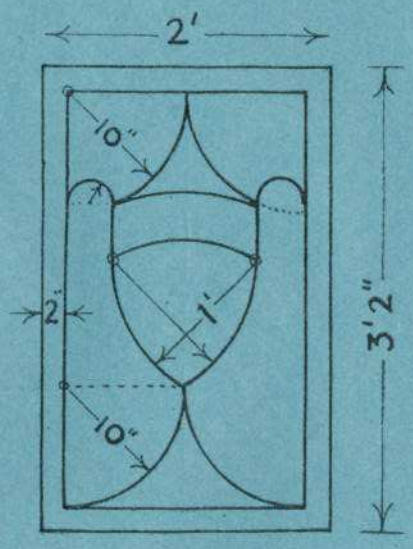
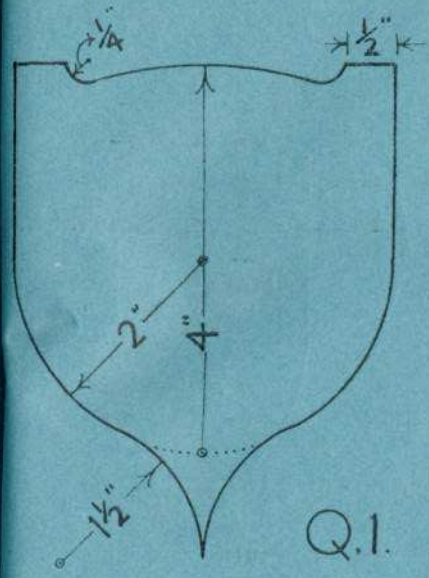
(Colour MAY be used in answering this question.)

8. Draw a design in Black and White suitable for the Tail-piece of a Book.

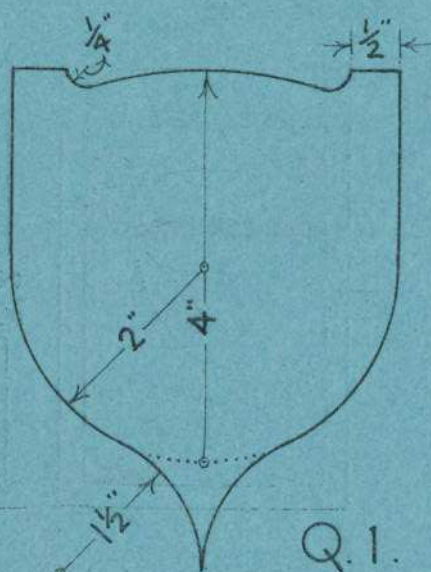
The design is to occupy an equilateral triangle of $3\frac{1}{2}$ inches side, standing on its angular point.

Any style of ornament may be used.

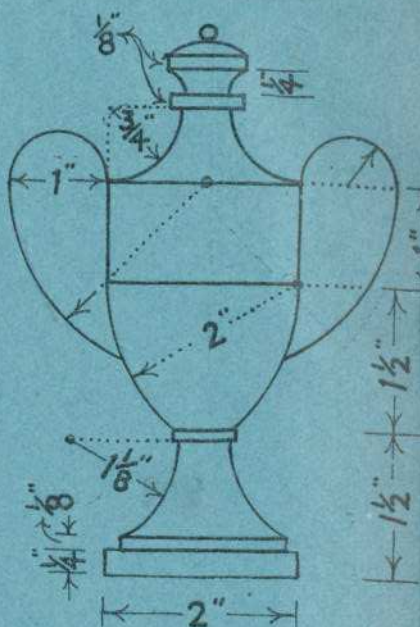
ARSŪN AMĀIN - BOYS ONLY



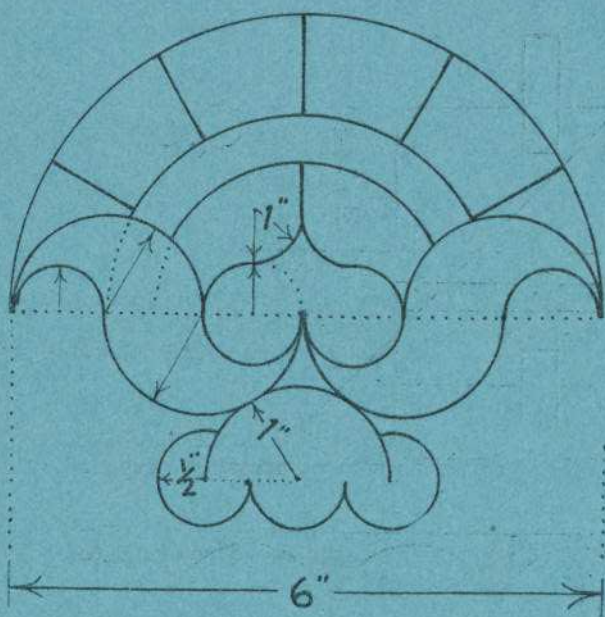
ΒΕΔΡΡΕΔΙΛΙ ΔΑΜΔΙΝ-GIRLS ONLY



Q.1.



Q.2.



Q.3.



Q.4.