

**AN ROINN OIDEACHAIS.**  
(Department of Education.)

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LEAVING CERTIFICATE EXAMINATION, 1947.

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**MECHANICAL DRAWING AND DESIGN.**  
COURSE B—PASS—BOYS AND GIRLS.

THURSDAY, 19th JUNE.—MORNING, 10 TO 12.

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**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.

100 marks allotted to this Paper.

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**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 "FACĀ PŪDĀR" in Gaelic letters, or the words "FACE POWDER" in Roman letters.

\*2. Copy the ornament shown on the diagram, full-size, according to the dimensions indicated.

\*3. The diagram represents an ornamental brooch. Draw the diagram full-size to the dimensions shown.

\*4. The diagram shows the plan and elevation of a ventilator. Draw a new elevation of the ventilator on a vertical plane represented in plan by  $X^1 Y^1$ . Scale 1 inch to 1 foot.

## SECTION B.

5. Draw a design for a Strip-Poster to advertise "FRUIT." The design is to be rectangular in shape, 9 inches by 15 inches (horizontal).  
Scale :  $\frac{1}{2}$  full size.

(Colour MAY be used in answering this question.)

6. Draw a design for the decoration of a Blotter-Case. The design is to occupy a rectangle 4 inches by 6 inches, and suitable for some definite craftwork.

(Colour MAY be used in answering this question.)

7. Draw a design for a panel in the form of a diamond. The diagonals are to be 5 inches and 4 inches respectively. The design may be composed of Celtic, Floral, or Geometric ornament.

(Colour MAY be used in answering this question.)

8. Draw a design for a Cushion-Cover to occupy a regular hexagon, 4 inches side. The design should include an Initial letter or Monogram, and should be suitable for Embroidery, Stencilling, or modelled Leather.

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 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.

100 Marks allotted to this Paper.

## 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 "SUNIS-PODAR" in Gaelic letters, or the words "FACE POWDER" in Roman letters.

\*2. Copy the ornament shown on the diagram, full-size, according to the dimensions indicated.

\*3. The diagram represents an ornamental brooch. Draw the diagram full-size to the dimensions given.

\*4. An ornamental border is shown on the diagram. Draw two repeats of the border according to the figured dimensions.

## SECTION B.

5. Draw a design for a Strip-Poster to advertise "FRUIT." The design is to be rectangular in shape, 9 inches by 15 inches (horizontal).  
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(Colour MAY be used in answering this question.)

6. Draw a design for the decoration of a Blotter-Case. The design is to occupy a rectangle 4 inches by 6 inches, and suitable for some definite craftwork.

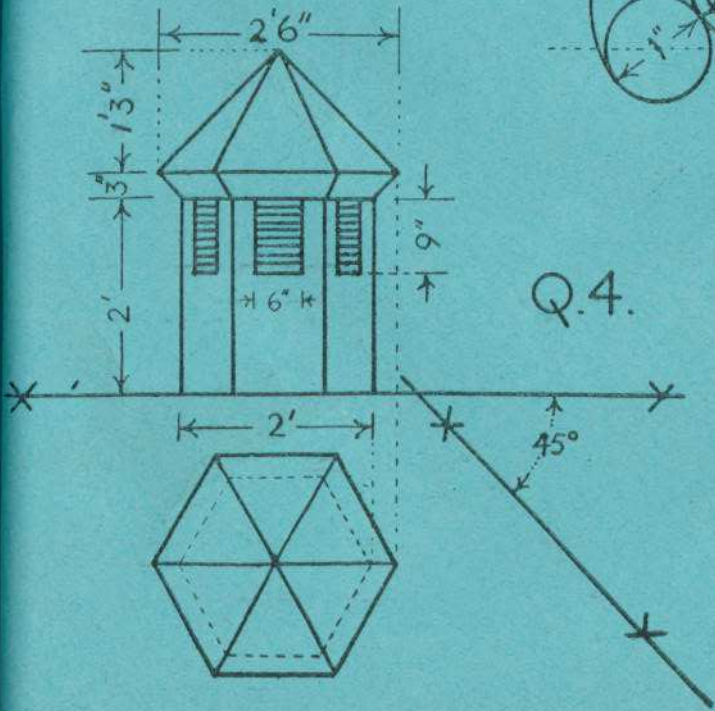
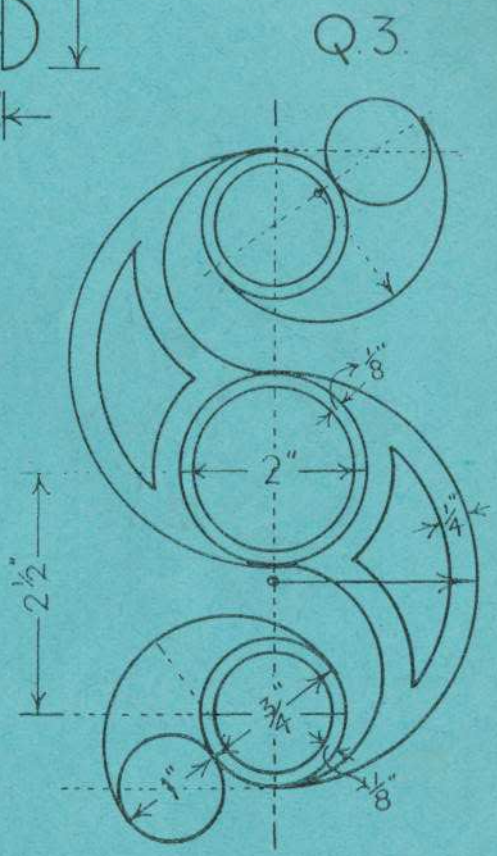
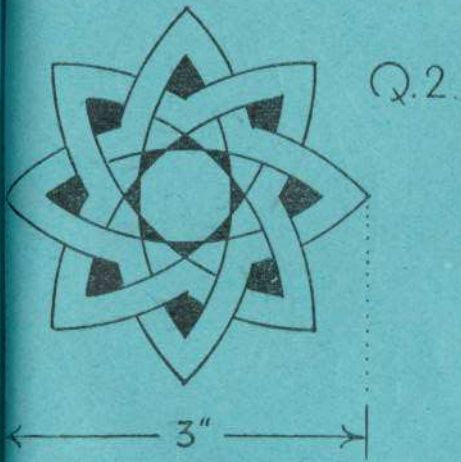
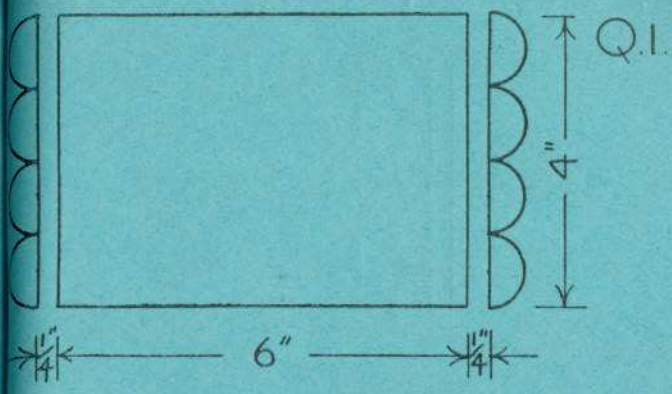
(Colour MAY be used in answering this question.)

7. Draw a design for a panel in the form of a diamond. The diagonals are to be 5 inches and 4 inches respectively. The design may be composed of Celtic, Floral or Geometric ornament.

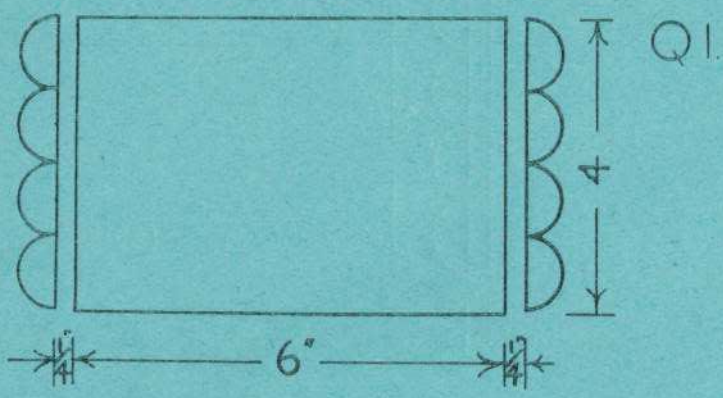
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8. Draw a design for a Cushion-Cover to occupy a regular hexagon, 4 inches side. The design should include an Initial letter or Monogram, and should be suitable for Embroidery, Stencilling or modelled Leather.

PARSŪIN AMĀIN - BOYS ONLY



# ΞΕΛΡΡΟΔΙΛΙ ΔΑΜΔΙΝ-GIRLS ONLY



Q.3

