

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

**BRAINNSE AN MHEADHON-OIDEACHAIS**  
(Secondary Education Branch).

**LEAVING CERTIFICATE EXAMINATION, 1936.**

**PASS.**

**MECHANICAL DRAWING AND DESIGN.**  
**BOYS AND GIRLS.**

*TUESDAY, 23rd JUNE.*—AFTERNOON 4 TO 6 P.M.

**BOYS ONLY.**

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

All construction lines must be clearly shown.

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.

The number of marks assigned to each question is stated in brackets after the question.

Q. 1. Within a rectangle  $4\frac{1}{2}$  inches by  $1\frac{1}{2}$  inches draw with pencil, pen or brush, in letters proportionate to the space, the word **DUAIS**, in Gaelic letters.

*Or*

The word **PRIZE** in Roman letters. [8]

\*Q. 2. A diagram of a brass casting used as a cover is given. Draw to the dimensions shown. [10]

\*Q. 3. Draw to a Scale of 1 inch to 1 foot the given diagram of a Cabinet-door. [10]

\*Q. 4. The plan and elevation of a letter **P** are given. Draw a new elevation of the letter when its plane is vertical and inclined at  $45^\circ$  to the vertical plane of projection. [11]

\*Q. 5. The plan and elevation of a Cottage are given. Draw a new elevation of the Cottage when the front is inclined at an angle of  $30^\circ$  with the vertical plane.

Scale 1 inch to 10 feet. [14]

Q. 6. Design a border in black and white, suitable for the title-page of a book.

The width of the border is to be in proportion to the size of the page. One ornamental initial letter "**B**" is to be drawn in the space surrounded by the border. Size of page  $4\frac{1}{2}$  inches by  $3\frac{1}{2}$  inches. [22]

STANDARD 2  
DEPARTMENT OF EDUCATION  
REVISIONARY EXAMINATION  
**GIRLS ONLY.**

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

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Questions marked (\*) have accompanying diagrams.

The number of marks assigned to each question is stated in brackets after the question.

Q. 1. Within a rectangle  $4\frac{1}{2}$  inches by  $1\frac{1}{2}$  inches draw with pencil, pen or brush, in letters proportionate to the space, the word **DUAIS**, in Gaelic letters.

Or

The word **PRIZE** in Roman letters. [8]

\*Q. 2. Draw the given diagram of a fan, using the figured dimensions. [12]

\*Q. 3. Copy the given pattern to the dimensions shown. [10]

\*Q. 4. The diagram shows portion of a tiled floor. Draw according to the dimensions indicated. [9]

\*Q. 5. The diagram gives the plan and elevation of a pin tray. Draw the plan and elevation. The true shape of one face of tray with ornament is given.

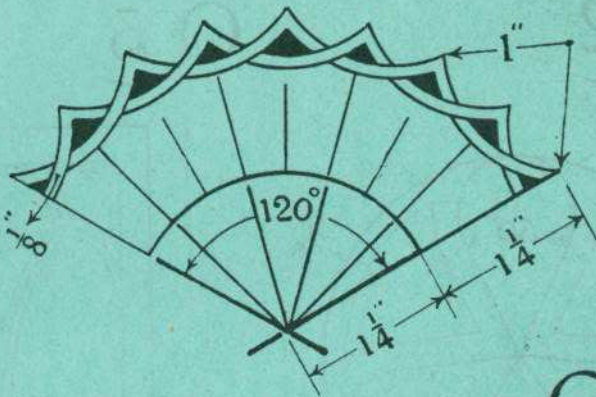
Show how you would project this ornament on to two sloping faces. [14]

Q. 6. Design a border in black and white suitable for the title-page of a book.

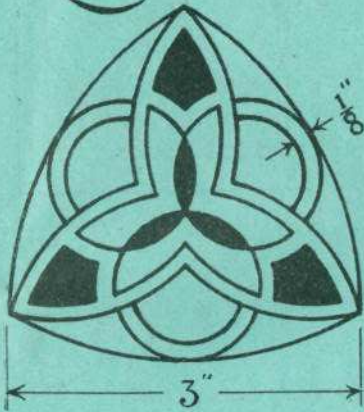
The width of the border is to be in proportion to the size of the page. One ornamental initial letter "A" is to be drawn in the space surrounded by the border. Size of page  $4\frac{1}{2}$  inches by  $3\frac{1}{2}$  inches. [22]

GIRLS ONLY

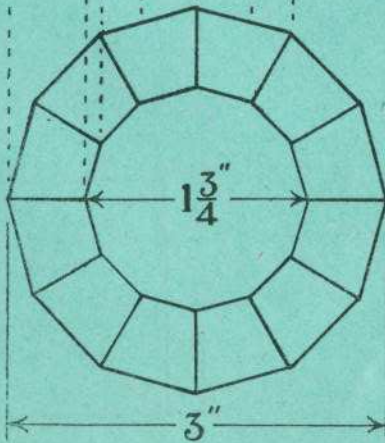
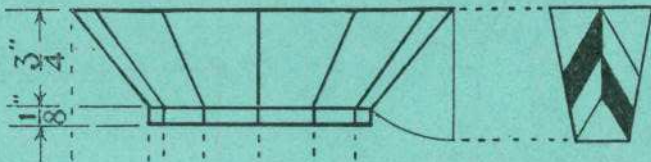
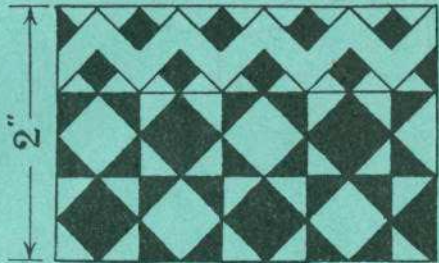
Q2.



Q3.



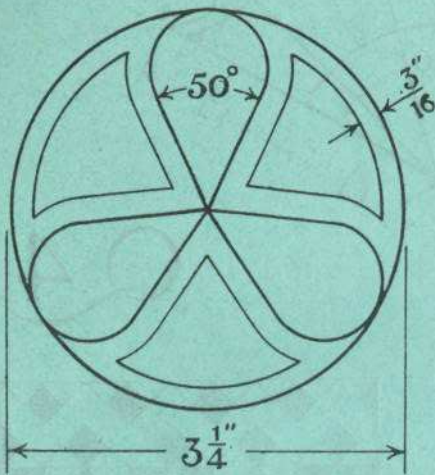
Q4.



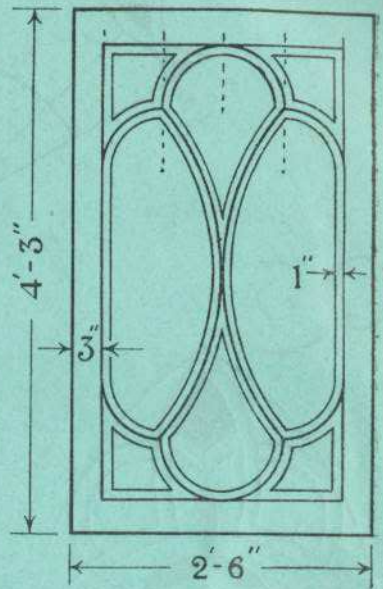
Q5.

BOYS ONLY

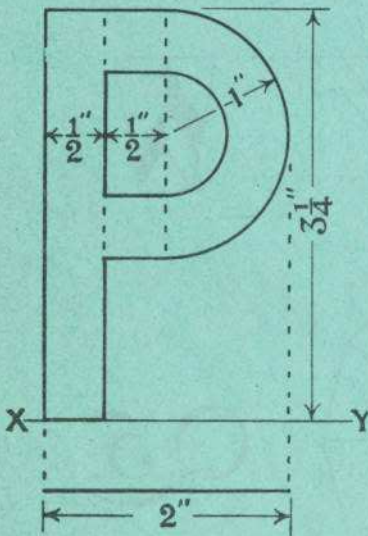
Q 2.



Q 3.



Q 4.



Q 5.

