

AN ROINN OIDEACHAIS
(Department of Education.)

BRAINNSE AN MHEADHON-OIDEACHAIS
(Secondary Education Branch).

LEAVING CERTIFICATE EXAMINATION, 1940.

HONOURS.

MECHANICAL DRAWING AND DESIGN.

MONDAY, 17th JUNE.—AFTERNOON, 4 TO 6 P.M.

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.

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

Only FOUR questions to be attempted. TWO from SECTION A and TWO from SECTION B.

SECTION A.

Two questions only to be attempted in this Section.

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

*Q. 1. A border for embroidery is shown on the diagram. Draw two repeats according to the figured dimensions.

[20]

*Q. 2. An outline dimensioned diagram of a Butterfly is given. Draw the Butterfly full-size to the dimensions indicated.

[20]

*Q. 3. The diagram represents an ornamental buckle. Draw full-size to the dimensions given. It will be sufficient to complete *half* the diagram.

[20]

SECTION B.

Two questions only to be attempted in this Section.

Q. 4. Draw a design for the Cover of a Photograph Album, 6" by 4". The word, "SNAPS", in Roman Lettering should form an important feature of the design.

Two tones of one colour may be used, or the design may be completed in Black and White.

[30]

*Q. 5. Draw a design for a circular Table-mat, 5" diameter. The design must be based on the plant (Fuschia) illustrated in the diagram, and suitable for Embroidery or Leathercraft.

(Colour MUST be used in answering this question.)

[30]

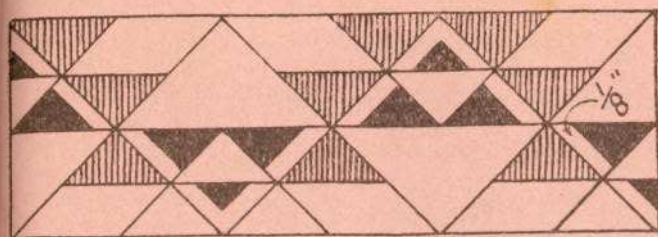
Q. 6. Make a design for a "Hanging-sign," to be suspended over a door. The design may be any ornamental shape, 5" by 4", outside measurement, including moulding or frame.

The words, "THE FLOWER SHOP," are to form an essential feature of the design.

(Colour MUST be used in answering this question.)

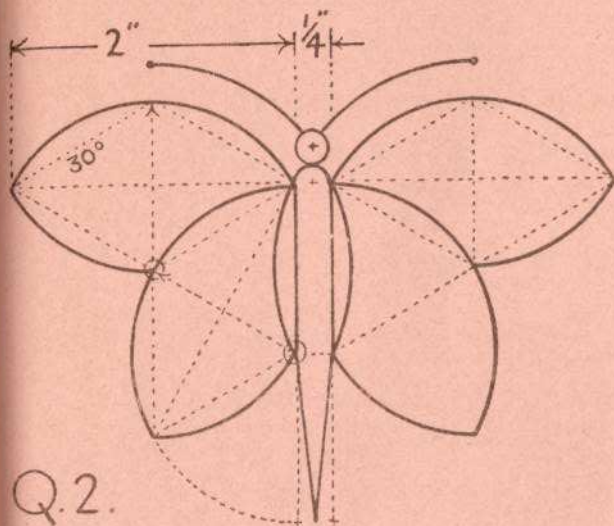
[30]

GIRLS ONLY.



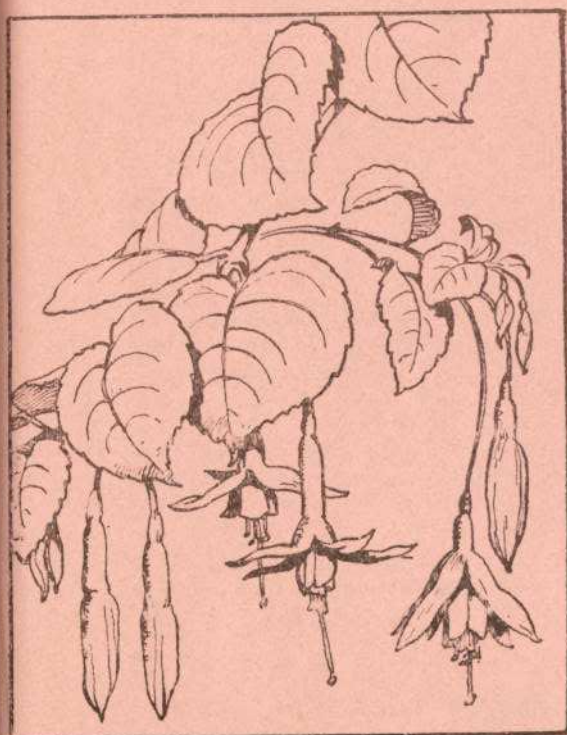
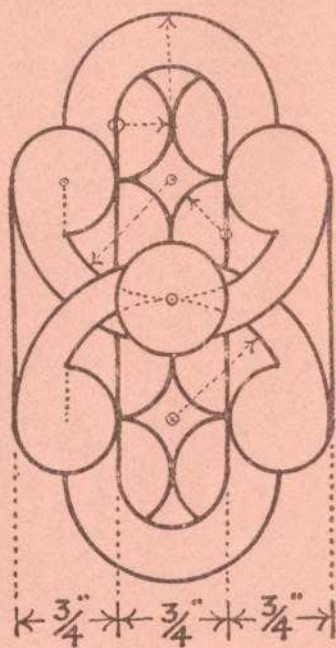
1 1/2"

Q.1.



Q.2.

Q.3.



Q.5.