

AN ROINN OIDEACHAIS
(Department of Education).

LEAVING CERTIFICATE EXAMINATION, 1960.

ART AND DRAWING.

MECHANICAL DRAWING AND DESIGN
PASS

FRIDAY, 17th JUNE.—AFTERNOON, 2.30 TO 4.30.

INSTRUCTIONS.

- (a) Candidates may take Section I or Section II but *not both*.
- (b) The use of drawing instruments and tracing paper is allowed.
- (c) The number of the question must be distinctly marked by the side of the answer.
- (d) Questions marked (*) have accompanying diagrams.

SECTION I.—[100 marks.]

ONE QUESTION ONLY TO BE ATTEMPTED.

1. Design an apron to be suitably decorated in embroidery.
2. Arrange the following words in a suitable shape using appropriate lettering: "ST. PATRICK'S PLAYING GROUNDS." The finished work is to be erected as an outdoor notice. You must work to scale, and in colour.
3. Design a Christmas Card for your own school. Make the design at least twice the actual size of printed card.
4. Make a design for the lid of a carton. Your design should include the words "IRISH CHEESE." The lid should be circular in shape.
5. Draw a design for a lino-cut to illustrate one of the following: "THE HARBOUR"; "THE MARKET"; "FISHING." You may work as large as you wish.

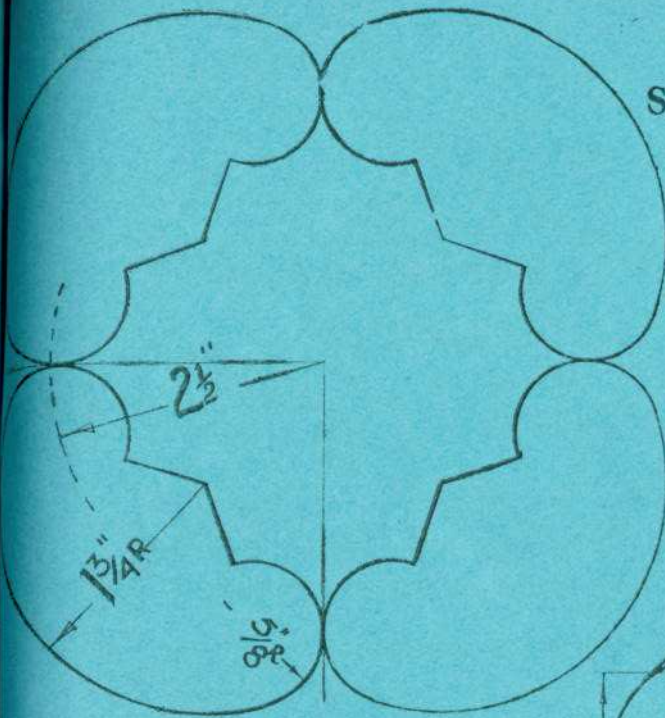
SECTION II.—[100 marks.]

THREE QUESTIONS ONLY TO BE ATTEMPTED.

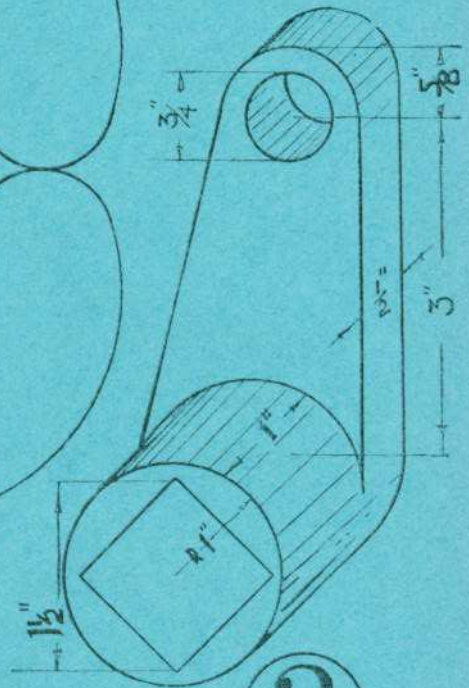
[All questions carry equal marks.]

- *1. Draw the design in the diagram to the given dimensions (circles touching circles).
- *2. The isometric drawing of a casting is shown. Draw the plan, elevation and end view of it.
- *3. The drawing shows a wall bracket. Make a development of it.
4. Design a geometric pattern to fill a duodecagon (twelve-sided figure), $1\frac{1}{2}$ " sides.
5. Make a pattern suitable for a circular tea-tray. Your pattern must be geometrically constructed.

ROINN II, PAS
SECTION II, PASS



①



②

③

