

AN ROINN OIDEACHAIS  
(Department of Education).

INTERMEDIATE CERTIFICATE EXAMINATION, 1961.

ART AND DRAWING.

MECHANICAL DRAWING AND DESIGN.

THURSDAY, 15th 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. Materials such as potatoes, corks, sponges, twigs, rags, pieces of cardboard, may also be used.
- (c) The number of the question must be distinctly marked by the side of answer.
- (d) Questions marked (\*) have accompanying diagrams.

SECTION I.—[100 marks.]

ONE QUESTION ONLY TO BE ATTEMPTED.

1. Design a poster in colour to advertise (a) "a Fashion Parade" or, (b) "a Flower Show".
2. Make a design for an all-over repeat pattern, the design to be suitable for printed fabric, or wrapping paper. Complete as much as possible of the design in colour.
3. Make a design for the lid of a circular box to contain Biscuits or Sweets. Appropriate lettering may be included but is not essential. The diameter of the lid should be 8".
4. Design a square tile, 8" sides, suitable for a bathroom. Colour must be used.

SECTION II.—[100 marks.]

THREE QUESTIONS ONLY TO BE ATTEMPTED.

[All questions carry equal marks.]

- \*1. Copy the ornament shown in the diagram, full size, according to the dimensions given.

\*2. A drawing is shown of a machine part. Draw a plan and elevation full size, to the dimensions given.

\*3. Draw the design in the diagram to the given dimensions.

4. Make a design to fill a semi-circle, the radius of which is 4".

5. Inscribe two circles in a square of 4" side. Each circle should touch two sides of the square and the other circle.



