INTERMEDIATE CERTIFICATE EXAMINATION, 1964.

ART AND DRAWING.

MECHANICAL DRAWING AND DESIGN.

FRIDAY, 12th JUNE.—AFTERNOON, 1.30 to 3.30

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, 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 the cover for a book of fairy tales, 12 inches by 9 inches. The words "Fairy Tales" should be included in the design.

2. Design a decorative wrapping paper for one of the following:- Books, Glass, Toys.

3. Make a pattern based on fish and shells, or birds and flowers, for curtains, chair covers or frock material.

4. Design a poster for one of the following:- A Jumble Sale; A Circus; The Football Final: Work as large as possible and include appropriate lettering.

5. Make a design for a square table mat, 10" side, suitable for execution in embroidery, or by block printing.

SECTION II.—(100 marks.)

THREE QUESTIONS ONLY TO BE ATTEMPTED.

(All questions carry equal marks.)

*1. The diagram shows an elevation (A), plan (B), and end view (C) of a machine part. Make a free-hand pictorial sketch of the machine part in good proportion. Your sketch should be not less than 4" in its greatest length.
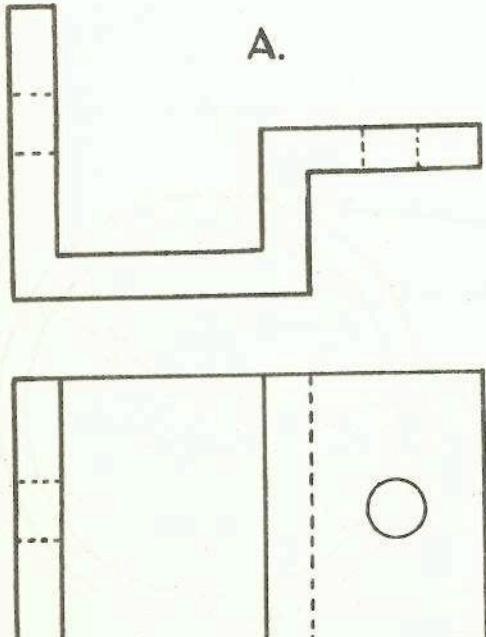
*2. Draw the pattern shown according to the dimensions given. Show construction.

*3. Draw the part of an all-over pattern shown in the diagram and design a geometric pattern to suit the shape.

*4. Draw the two pulleys and belt (tangents), shown in the diagram according to the dimensions given. Show the construction of the tangents.
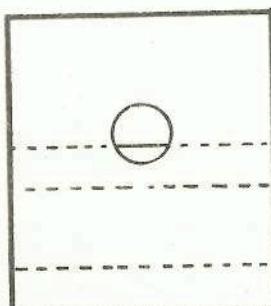
5. Design a repeating pattern based on a triangular net.

A.

B.

C.

Q1.

Q2.

$4\frac{1}{2}''$
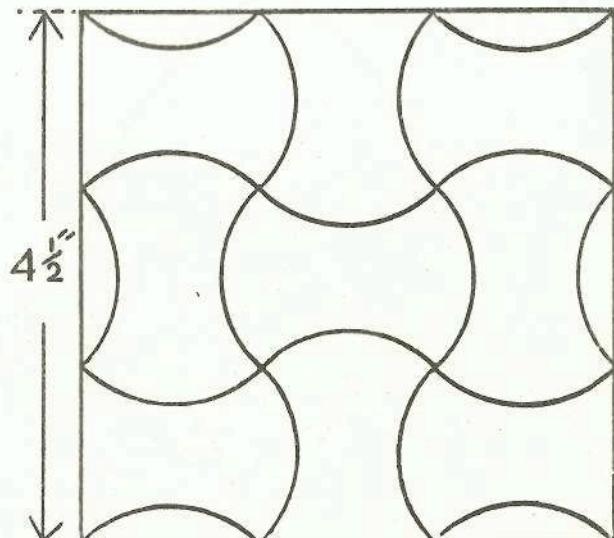
SCRÚDÚ MEÁNTEISTIMÉIREACTA, 1964.

EALAÍN AGUS LÍNÍOCT.

LÍNÍOCT MEICINIÚIL AGUS GRÉASCÓIRIÚ.

Dé hAoine, Meitheamh 12 — Tráthnóna, 1.30 go dtí 3.30.

COMAIRLÍ.

(a) Is ceab b'iarrtóirí toga as Roinn 1 nó as Roinn 11 ac ní ceab toga astu araon.
(b) Is ceab uirlisí líníocta agus rianpáipéar a úsáib. Is féibir ábair mar prátaí, corcanna, múscáin, ceirteaca, píosaí be cairtclár, a úsáib leis.
(c) Uimir na ceiste a scríob go soiléir le hais an freagra.
(b) Tá léaráibí ag gabáil le na ceisteanna a bfuil réiltín (*) rompu.

ROINN 1. — (100 marc.)

SAN AC CEIST AMÁIN A DÉANAM.

1. Gréas a déanam i gcomair clúbaig bo leabar scéalta sí, 12" x 9". Bíob na focail "Scéalta Sí " agat sa gréas.

2. Gréas a tarraingt bo páipéar fillte maisíte le hagaib ní amáin be na níte seo a leanas:- bréagáin, leabair, gloine.

3. Déan patrún atá bunaíte ar iasc agus sliogáin, nó ar éanaca agus bláthanna, i gcomair cuirtíní, clúbaig cathaoireac, nó ábar gúna.

4. Gréas a tarraingt i gcomair póstaéir bo ceann amáin bíob seo a leanas:- Margab manglaim, Sorcas, An Craobcluice peile. Déan é com mór agus is féibir agus cuir litreoireact oiriúnac air.

5. Gréas a déanam le hagaib mata cearnógac boirb, 10" ina slios. An gréas a beit oiriúnac bo bróibnéireact nó bo bloc-cló.

ROINN 11. — (100 marc.)

SAN AC TRÍ CEIST A DÉANAM

(An luac céanna ar gac ceist.)

*1. Taispeántar sa léaráib ingearcló (A), bruncló (b) agus ceanncló (C) be cuib b'inneall. Déan sceitse saorlíníocta pictiúrca i gcoibneas cuí ben cuib ben inneall agus gan bo sceitse a beit níos lú ná 4" sa bfab is mó.

*2. Macasamail a déanam ben patrún san léaráib be réir na btoisí atá breacta air. An tógáil a taispeáint

*3. Tarraing an cuib be samlacais atsamplac lomalán a taispeántar san léaráib, agus déan patrún geoiméabrúil b'oirfib bon cuma.

*4. Líníg an bá ulóg agus an beilt (tablaíte), mar a taispeántar sa léaráib be réir na btoisí atá tugta. Déanam na btablaíte a taispeáint.

5. Gréas a tarraingt le hagaib samlacais atsomplaig lomaláin agus é bunaíte ar eangac triantánac.

Q 3.

Q 4.