AN ROINN OIDEACHAIS

LEAVING CERTIFICATE EXAMINATION, 1963.

ART AND DRAWING.

MECHANICAL DRAWING AND DESIGN.

PASS

MONDAY, 17th June — Morning, 10 to 12.

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 the answer.

(d) Questions marked (*) have accompanying diagrams.

SECTION I.—(100 marks.)

ONE QUESTION ONLY TO BE ATTEMPTED.

1. Design a poster for one of the following:- (a) A Fishing Festival, (b) The Zoo, (c) The Red Cross, or (d) Safety First. Work as large as possible and include appropriate lettering.

2. Make a pattern based on Autumn leaves for curtains or chair covers. A naturalistic design should be avoided. Complete as much as possible.

3. Design a decorative wrapping paper for one of the following:- Fish, Books, Jewellery.

4. Design the cover for a book on flowers, 12" x 9". The words "Wild Flowers" should be included in the design.

5. Write out the following two verses in pen lettering to fit a $\frac{1}{4}$-imperial sheet of paper (15" x 11") :-

TO SPRING.

From the grey wicket of the morn,
Under the shadow-braided skies,
With violet twilights in thine eyes,
Thou walk'st across the fresh, green corn.

I see thy pathway in the dark,
Thy sweet feet print the fields with light
With primroses and snowdrops white,
And silver on the larch tree's bark.

John Francis O'Donnell.

SECTION II.—(100 marks.)

THREE QUESTIONS ONLY TO BE ATTEMPTED.

(All questions carry equal marks.)

*1. The diagram shows the elevation (A) and plan (B) of a machine part. Make a free-hand perspective sketch to show the true shape. Your sketch should not be less than 4" in its greatest length.
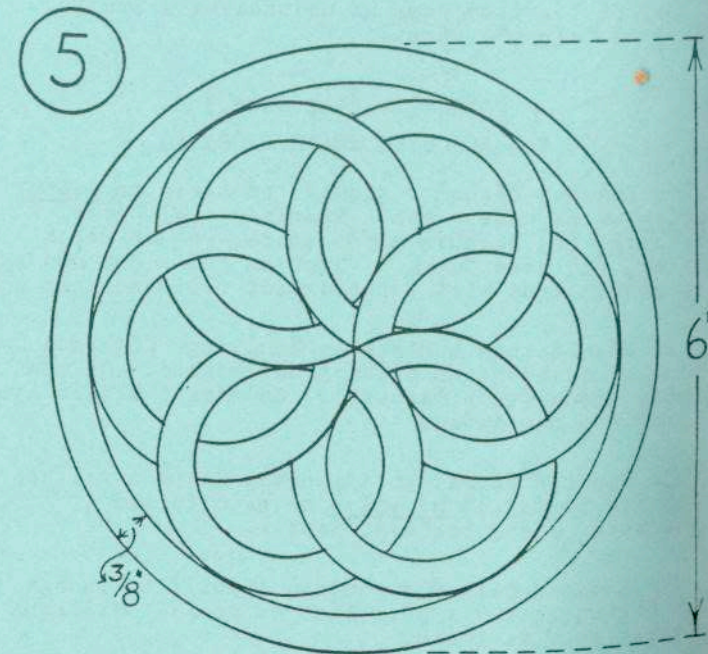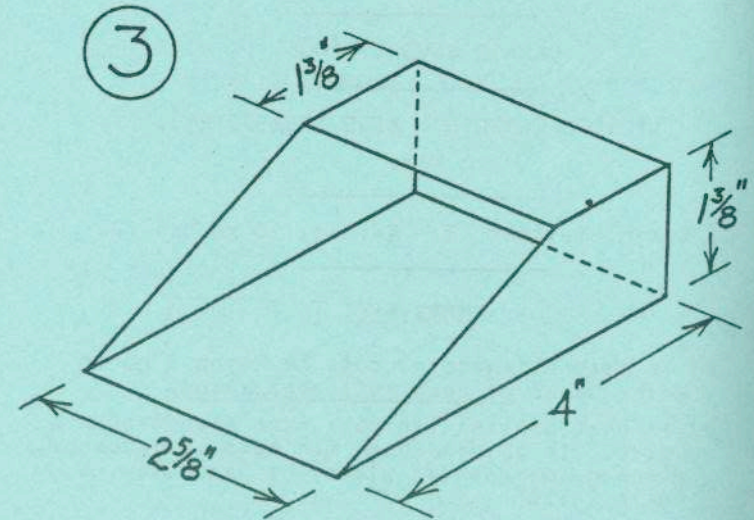
*2. The diagram shows three views of a box with the lid open. Draw the side elevation (A) and plan, and a new elevation on the X_1Y_1

*3. Make a development of the surfaces of the dust-pan according to the dimensions given.

4. Draw an equilateral triangle $4\frac{1}{2}$" side. On each side of this triangle draw a semi-circle $4\frac{1}{2}$" in diameter. Make a geometrical pattern to fill the whole shape.

*5. Draw the circular pattern shown full size to the dimensions given.

(For diagrams ① and ② , see over.)

AN ROINN OIDEACAIS

SCRÚDÚ ARDTEISTIMÉIREACTA, 1963.

EALAÍN AGUS LÍNÍOCT.

LÍNÍOCT MHEICNIÚIL AGUS GRÉASCÓIRIÚ.
PAS.

Dé Luain, Meitheamh 17 — Maidin, 10 go dtí 12.

COMHAIRLÍ.

(a) Is ceaD D'iarrtoirí toga as Roinn I nó as Roinn II ac ní ceaD toga astu araon.

(b) Is ceaD uirlisí líníocta agus rianpáipéar a úsáiD. Is féiDir áDair mar prátaí, corcanna, múscáin, ceirteaca, píosaí De cairtclár, a úsáiD leis.

(c) Uimhir na ceiste a scríoD go soiléir le hais an Freagra a gaDann léi.

(D) Tá léaráiDí Fara na ceisteanna a Dfuil réiltín (*) rompu.

ROINN I.—(100 marc.)
SAN AC CEIST AMHÁIN A DÉANAMH.

1. Gréas a DéanaMh i gcomhair póstaeir Do ceann aMhÁin De na háDair seo a leanas:— (a) Féile Iascaig, (b) SairDín na nAirmhice, (c) An Cros Dearg, (D) Aire Cugat. DíoD an gréas coMh mór agus is féiDir agus DíoD litreoireact oiriúnac agat ann.

2. Déan patrún bunaite ar Duilleoga Fómhair i gcomhair cuirtiní nó clúDaig cataoireac. Ní mór gréas náDúraíoc a Seacaint. CríocnaiG oiread agus is féiDir Den Gréas.

3. Gréas a tarraingt i gcomhair páipéar Fillte maisite le hagaiD ní amháin De na nite seo a leanas:— Éisc, leaDair, SeoDra.

4. Gréas a DéanaMh i gcomhair clúDaig Do leaDar ar DláCanna, 12" x 9". DíoD na focail "Dláċanna Déana" agat sa gréas.

Scríob síos an Dá véarsa seo a leanas i litreoireact Finn ar Dileog ¼-imipiriúil (15" x 11"):—

beannacht bóinne.

A Dóinn a Dí leD' linn ag síol Cuinn,
A Dóinn a Dí Fá Mhuirinn ag a lán,
A Dóinn na screaC, na gcat agus na nGliaiD,
An Dfuil tú liat, nó ar Cuir tú Do Dláċ ?

A Dóinn a Dí ag slíoct ÉiDir Finn,
A Dóinn a Dí ag mac Airt gan Cáin,
A Šean—Dean aosta ba Glinn glas,
A Dóinn gan raċ, cá nDeaċaiD an t-iasc ?

Séamas Dall Mac Cuarta.

ROINN II.—(100 marc.)
SAN AC TRÍ CEIST A DéanaMh.

An marc céanna ar gac ceist.

*1. Taispeántar agaiDClÓ (A) agus bonnClÓ (B) De cuiD De inneall sa léaráiD. DéAn sceitse peirspictioC saorlíníocta De cun an cruc Fíor a léiriú. San Do sceitse a Deit níos lú ná 4 orlac san tomhas is FaiDe.

*2. Taispeántar sa léaráiD trí raDarc De Dosca agus an clár ar oscailt. Tarraing an agaiDClÓ taoiD (A) agus an bonnClÓ, agus agaiDClÓ nua ar X₁ Y₁

*3. ForDairt a DéanaMh ar DromClai an Méisín beannaiG De réir na DtoisÍ atá breacċa air.

4. Tarraing triantán comhSleasac a Dfuil 4½" ina Slíos. Ar gac Slíos Den triantán sin tarraing leatċiorcal atá 4½" trasna. Déan patrún geoiméaDrúil Cun an spás iomlán a líonaD.

*5. Tarraing an patrún ciorclac a taispeántar ina lánMhéiD, De réir na DtoisÍ atá breacċa air.

(Féac léaráiDí ③ agus ⑤ tall.)

①
A
B

②