AN ROINN OIDEACHAIS

LEAVING CERTIFICATE EXAMINATION, 1969

ART AND DRAWING

MECHANICAL DRAWING AND DESIGN

PASS

MONDAY, 23rd JUNE – MORNING, 9.30 to 11.30

INSTRUCTIONS

(a) Candidates may take Section I or II but not both.

(b) The use of drawing instruments and tracing paper is allowed. Printing and pattern making materials may be used.

(c) The number of the question must be distinctly marked by the side of the answer.

SECTION I – (100 marks)

ONE QUESTION ONLY TO BE ATTEMPTED

1. Design a poster to advertise one of the following:- A Boat Show, Theatre Festival; Air Travel. Appropriate lettering should be incorporated in your design. Work as large as possible.

2. Design a record sleeve size 12" by 12" for either – Fairy Tales by Hans Anderson or, Music from Latin America.

3. Design a pattern which would be suitable for a dress material for either a child or teenager. Draw sufficient repeats, full size, to show the general effect of the pattern.

4. Make a design for an embroidered table-mat 8" x 10".

5. Draw with a lettering pen, or pens the following verses:-

BALLAD

It fell about the Martinmas time,
 and a gay time it was then,
When our goodwife got puddings to make,
 and she's boiled them in the pan.

The wind sae cauld blew south and north,
 and blew into the floor;
Quoth our goodman to our good wife
 "Gae out and bar the door."

SECTION II – (100 marks)

THREE QUESTIONS ONLY TO BE ATTEMPTED

(All questions carry equal marks)

*1. Copy the drawing according to the given dimensions. Constructions for finding the centres of the large arcs must be shown.
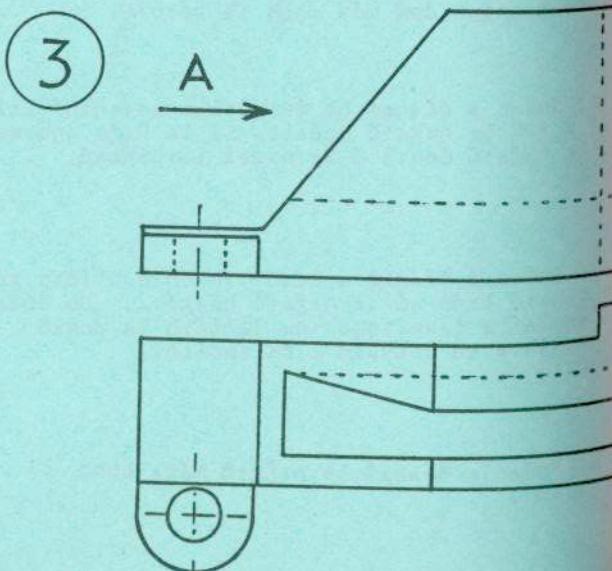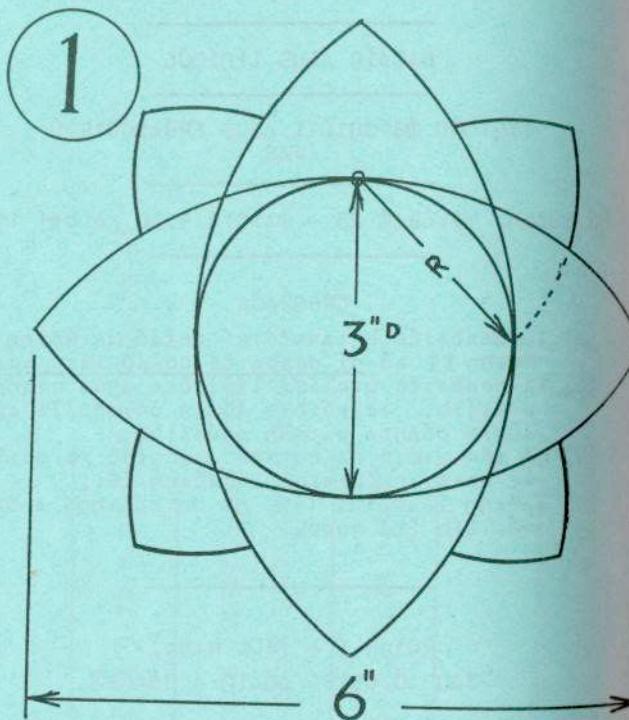
*2. Draw the development of the metal scoop shown according to the given dimensions.

*3. The drawing shows two views of a bracket. Draw these two views freehand and add a freehand drawing of the endview looking in the direction of the arrow 'A'. The length of the bracket should be approximately 4" with the other dimensions in reasonably good proportion.

*4. Draw the given elevation of a regular hexagonal pyramid lying on one of its triangular faces. Make a drawing of the plan in the direction of 'C', and an elevation in the direction of 'B'. The slant height of the pyramid is $3\frac{1}{2}$", the sides of the hexagonal base measure $1\frac{1}{2}$".

5. Design a repeating border 3" wide, based on geometrical shapes. Complete at least three repeats.

(For diagrams ② and ④ see over)

SCRÚDÚ ARDTEISTIMÉIREACHTA, 1969

EALAÍN AGUS LÍNÍOCHT

LÍNÍOCHT MHEICNIÚIL AGUS GRÉASCÓIRIÚ
PÁS

Dé Luain, Meitheamh 23 - Maidin 9.30 go dtí 11.30

TREORACHA

(a) Is ceadaithe d'iarrthóirí togha as Roinn I nó Roinn II ach ní ceadaithe togha astu araon.
(b) Is ceadaithe uirlisí líníochta agus rianpháipéar a úsáid. Is féidir ábhar priontála agus ábhar déanta patrún a úsáid.
(c) Ní mór uimhir na ceiste a scríobh go soiléir le hais an fhreagra a ghabhann léi.
(b) Sábhann léaráidí leis na ceisteanna a bhfuil réiltín (*) rompu.

ROINN I - (100 MARC)
SAN ACH CEIST AMHÁIN A DHÉANAMH

1. Gréas a dhéanamh do phóstaer le ceann amháin díobh seo a fhógairt:- Sloinne Port Láirge, Taispeántas Bád; Féile Drámaíochta; Aertaisteal. Ní mór an litreoireacht cuí a chur isteach sa ghréas. Bíodh an gréas chomh mór agus is féidir.

2. Gréas a dhéanamh do mhuinchille ceirníní atá 12" x 12" le haghaidh Scéalta Sí le Hans Anderson nó le haghaidh Ceoil ó Mheiriceá Laidineach.

3. Gréas a dhéanamh a bheadh oiriúnach b'ábhar gúna le haghaidh línó nó le haghaidh déagóra. Do bhócain atsamplaí a tarraingt ina lánméid le toradh ginearálta an phatrúin a thaispeáint.

4. Gréas a dhéanamh le haghaidh máta bord 8" x 10".

5. Tarraing na véarsaí seo a leanas le peann nó le pinn litreoireachta:-

TIGH MOLAGA

Oíche dom' go doiligh dúch
Cois farraige na dtonn dtréan
Ag léirsmaoineamh is ag lua
Ar choraíbh crua an tsaeil.

Bhí an ré is na réalta suas,
Níor chlos fuaim toinne ná trá,
'S ní raibh gal ann ben gaoith
Do chroithfeadh barr crainn ná bláth.

ROINN II - (100 MARC)
SAN ACH TRÍ CEIST A DHÉANAMH
(AN MARC CÉANNA AR GACH CEIST)

*1. Déan cóip den líníocht de réir na dtoisí a tugtar. Ní mór na modhanna tógála chun lár na stuanna móra a aimsiú a thaispeáint.

*2. Forbairt an scúip mhiotail a thaispeántar a tharraingt de réir na dtoisí a tugtar.

*3. Taispeánann an líníocht dhá chló de bhrac. Tarraing saorlíníocht den dá chló sin agus cuir saorlíníocht den slioschló isteach ag féachaint i dtreo na saighde 'A'. Tá fad an bhraic le beith tart ar 4" agus bíodh coibhneas réasúnta maith idir na toisí eile.

*4. Tarraing an t-ingearchló a tugtar de piramid rialta heicseagánach agus í ina luí ar cheann dá haghaidheanna triantánacha. Déan líníocht den bhonnchló i dtreo 'C' agus ingearchló i dtreo 'B'. Tá 3½" i gclaonairde na piramide, agus tá sleasa an bhoinn heicseagánaigh 1½" ar fad.

5. Gréas a dhéanamh le haghaidh achtiumais 3" ar leithead agus í bunaithe ar chruthanna geoiméadracha. Trí atsampla ar a laghad a chríochnú.

(FÉACH LÉARÁIDÍ (1) AGUS (3) THALL)

(2)

1" 2½" 60° 60° 1"R 1" 3½"

(4)

C B X Y 3½" 3½"