



Leaving Certificate Examination

Design & Communication Graphics
Ordinary Level

Section A (60 Marks)

Sample Examination Paper
3 Hours Duration

This examination is divided into three sections:

- SECTION A (Core - Short Questions)
SECTION B (Core - Long Questions)
SECTION C (Applied Graphics - Long Questions)

- SECTION A**
- Four questions are presented
 - Answer **any three** on the A3 sheet overleaf
 - All questions in Section A carry **20 marks**

- SECTION B**
- Three questions are presented
 - Answer **any two** on A3 drawing paper
 - All questions in Section B carry **45 marks**

- SECTION C**
- Five questions are presented
 - Answer **any two** (i.e. the options you have studied) on A3 drawing paper
 - All questions in Section C carry **45 marks**

General Instructions:

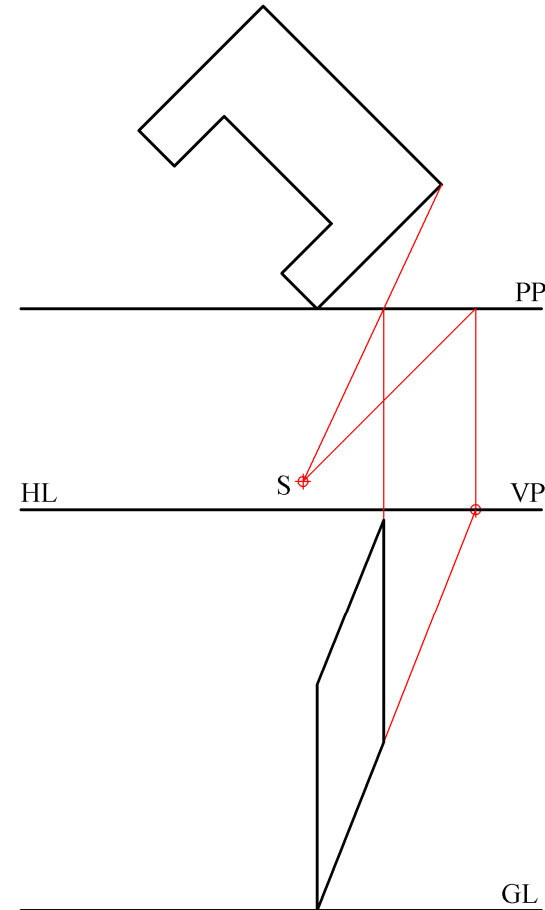
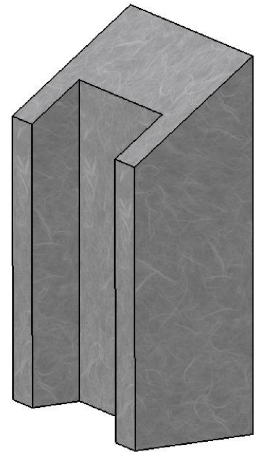
- *Construction lines must be shown on all solutions*
- *Write the question number distinctly on the answer paper in Sections B and C*
- *Work on one side of the drawing paper only*
- *All dimensions are given in metres or millimetres*
- *Write your Examination number in the box below and on all other sheets used*

Examination Number:

SECTION A - Core - Answer Any Three of the questions on this A3 sheet

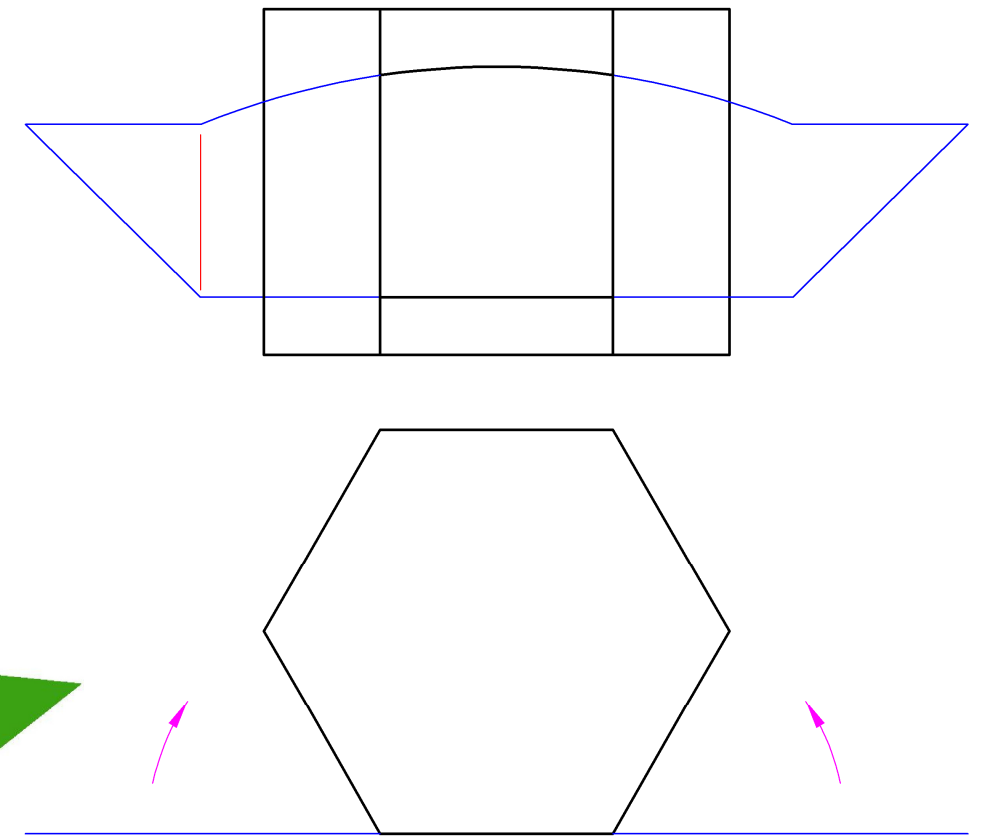
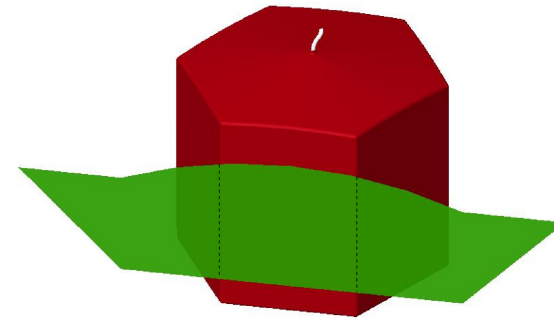
A-1. The drawing shows the plan and partially completed perspective drawing of a lectern from a conference centre. The lectern is also shown in the 3D graphic below.

Complete the perspective drawing.



A-3. The drawing shows the plan and elevation of a regular hexagonal candle and a semi-transparent label which is to be wrapped around it. A 3D graphic is also shown below.

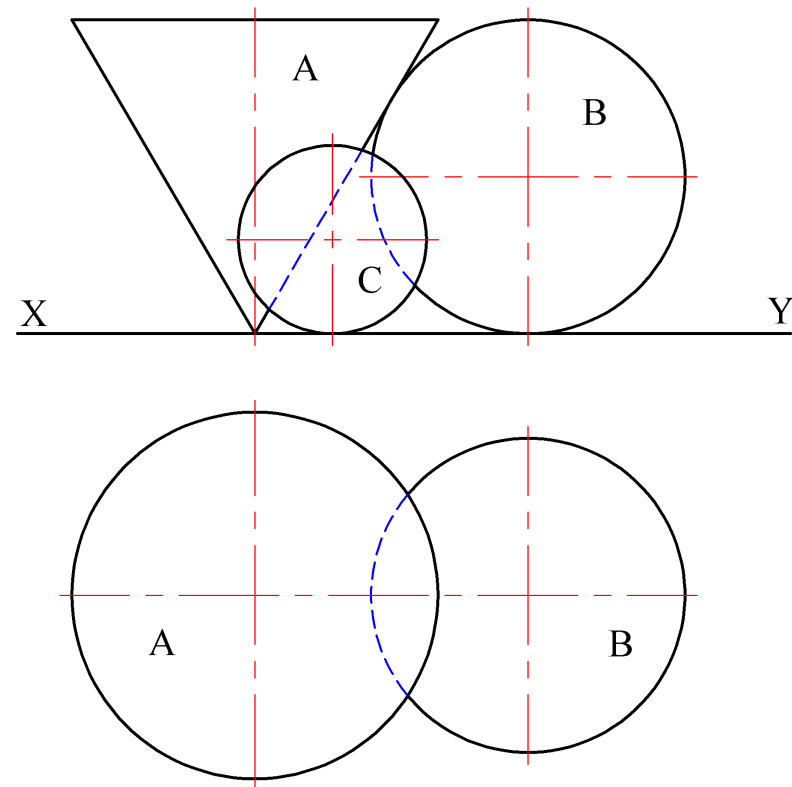
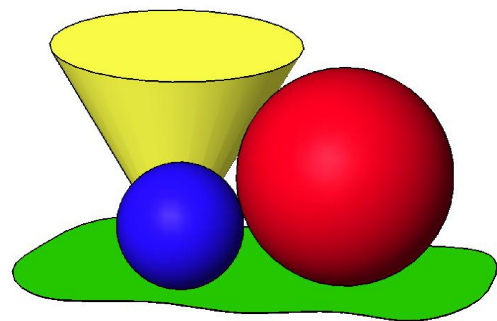
Complete the elevation showing the label in the wrapped position.



A-2. The drawing shows the plan and elevation of a cone A and a sphere B which are in contact as shown. The elevation of a sphere C, which is in contact with both solids is also shown.

A 3D graphic of the solids is also shown below.

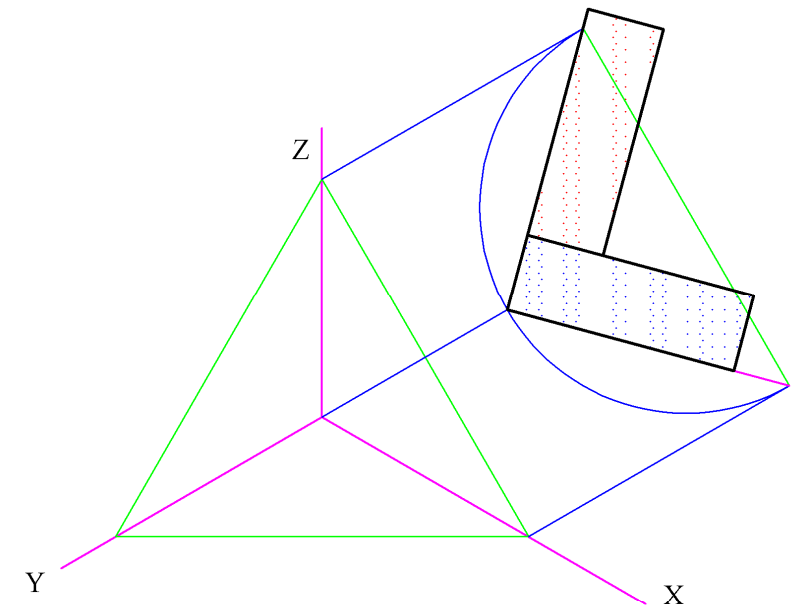
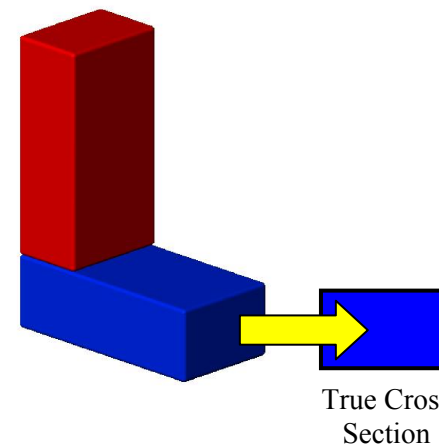
Draw the plan of sphere C.



A-4. Two playing blocks which have been arranged to form the letter "L" are shown in the 3D graphic below.

A set of isometric axes is shown and an elevation of the object has been positioned relative to the axes as shown.

Draw the plan in its correct position and complete the axonometric projection.



**This Contour Map is part of Section C
and should only be used for the
answering of the Geologic Geometry
Option (Question C-4)**

