## Coimisiún na Scrúduithe Stáit

## State Examinations Commission

Leaving Certificate Examination, 2011

# Design \& Communication Graphics Ordinary Level <br> Section A (60 marks) 

Friday, 17 June<br>Afternoon, 2.00-5.00

This examination is divided into three sections:
SECTION A (Core - Short Questions)
SECTION B (Core - Long Questions)
SECTION C (Applied Graphics - Long Questions)

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- Four questions are presented.
SECTION A - Answer any three on the A3 sheet overleaf.
- All questions in Section A carry 20 marks each.
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- Three questions are presented.
SECTION B - Answer any two on drawing paper.
- All questions in Section B carry 45 marks each.

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\begin{array}{ll} 
& \text { - Five questions are presented. } \\
\text { SECTION C } & \text { - Answer any two (i.e. the options you have studied) on drawing paper. } \\
& \text { - All questions in Section C carry } \mathbf{4 5} \text { marks each. }
\end{array}
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## 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.



A-2. The 3D graphic below shows a post box. The plan and incomplete elevation of the box are shown on the right.
(a) Complete the elevation.
(b) Draw an auxiliary view of the post box, on of the post box,
the given $X_{1} Y_{1}$,


A-4. The 3D graphic below shows three candles which are in contact. The arrangement includes a cone and two cylinders. All three solids rest on the horizontal plane. The drawing on the right shows the plan and elevation of the cone $\mathbf{A}$. Cylinder $\mathbf{B}$ is shown in the plan and cylinder $\mathbf{C}$ is shown in the elevation.

(a) Draw the elevation of cylinder $\mathbf{B}$.
(b) Draw the plan of cylinder $\mathbf{C}$.



