

AN ROINN OIDEACHAIS AGUS EOLAÍOCHTA

*Leaving Certificate Applied 2002*

## **Engineering**

TERMINAL EXAMINATION PRACTICAL (40% OF TOTAL MARKS)  
SUMMER 2002

### **DESIGN BRIEFS**

The Design Briefs for the 2002 Certificate Examinations are given overleaf.

**THE ASSIGNMENT MUST BE COMPLETED BY THE 31<sup>ST</sup> MAY 2002**

# GENERAL DIRECTIONS TO CANDIDATES

- Students should select one of the briefs given below and carefully analyse it prior to design and manufacture.
- The completed assignment will include a design folder and will be presented for assessment clearly identified with your examination number.
- Presentation and finished appearance of both folder and product are important.
- The assignment must be executed in the school under the direction of the teacher. If any aspect of the assignment is completed at home, it must be with the knowledge and permission of the teacher.
- Assignments submitted for assessment must be the candidate's own work. Where an assignment includes a specialised process not performed by the candidate but necessary for the completion of the assignment, reference must be made to such work in the Design Folder.
- Each candidate must attend an interview with the examiner in order to discuss the assignment. Duration of interview 10 – 15 minutes.
- The assignment must be completed by 31<sup>st</sup> May 2002.

## ENGINEERING DESIGN BRIEFS

1. Design and make a candlestick holder (for two candles) suitable for a dining room table.
2. Design and make a flowerpot stand suitable for use in a florist's shop. The stand should display at least five medium size pots.
3. Design and make a decorative plaque suitable for presentation to the winner of a competition in a sport of your choice.

**INFORMATION FOR EXAMINATION CANDIDATES**

A model of the design process is shown below. It is recommended that you follow the logical sequence of the design process and that evidence of these stages is reflected in your design folder.

