



**ADVANCED SUBSIDIARY GCE
DESIGN AND TECHNOLOGY**

Advanced Innovation Challenge

F521/02

Session 3 – Reflection test

Candidates answer on the Question Paper

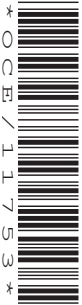
OCR Supplied Materials:
None

Other Materials Required:

- Candidates completed Answer Booklet

**Friday 28 May 2010
Morning**

Duration: 1 hour



Candidate Forename		Candidate Surname	
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Centre Number						Candidate Number				
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INSTRUCTIONS TO CANDIDATES

- Write your name in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use only black ink. Pencil may be used for graphs and diagrams and sketches only.
- This paper contains two questions – you are to answer **both** questions.
- You are advised to spend 30 minutes on each question.
- Read each question carefully and make sure that you know what you have to do before starting your answer.
- Do **not** write in the bar codes.
- Write your answer to each question in the space provided.
- You may use annotated sketches to support your written answer.

INFORMATION FOR CANDIDATES

- The number of marks for each question is given in brackets [] at the end of each question or part question.
- The total number of marks for this paper is **20**.
- **You should have the Answer Booklet that you produced in sessions 1 and 2 to assist you during this paper.**
- This document consists of **8** pages. Any blank pages are indicated.

Examiner's Use Only:			
1			
2			
Total			

Answer **both** questions in the space provided

1 Reflect on the product you have designed.

Cultural issues are an increasingly important issue for any designer. The manufacturers are keen to raise awareness among the public. Prepare a discussion on these cultural issues.

You should include:

- Modifications that you could make to your product to address cultural issues.
- Consideration of materials and manufacturing techniques that could be used.
- Consideration of the impact of your product.

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2 Reflect on the product you have designed.

Prepare a presentation to market your idea to a transport company.

You should include:

- The unique selling points of your product.
- Commercial viability, and levels of production.
- Improvements to make your design more economically viable and cost effective to produce.

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