

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS  
AS GCE**

**F521/02**

**DESIGN AND TECHNOLOGY  
Advanced Innovation Challenge**

**Session 3 – REFLECTION TEST**

**TUESDAY 14 MAY 2013: MORNING**

**DURATION: 1 hour  
plus your additional time allowance**

**MODIFIED ENLARGED**

<b>Candidate forename</b>		<b>Candidate surname</b>	
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<b>Centre number</b>						<b>Candidate number</b>				
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**Candidates answer on the Question Paper.**

**OCR SUPPLIED MATERIALS:**

**None**

**OTHER MATERIALS REQUIRED:**

**Candidate's completed answer booklet**

**READ INSTRUCTIONS OVERLEAF**

## **INSTRUCTIONS TO CANDIDATES**

- Write your name, centre number and candidate number in the boxes on the first page. Please write clearly and in capital letters.
- Use black ink. HB pencil may be used for graphs and diagrams 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. Make sure you know what you have to do before starting your answer.
- Write your answer to each question in the space provided. Additional paper may be used if necessary but you must clearly show your candidate number, centre number and question number(s).
- You may use annotated sketches to support your written answer.

## **INFORMATION FOR CANDIDATES**

- The number of marks is given in brackets [ ] at the end of each question or part question.
- **YOU SHOULD HAVE THE ANSWER BOOKLET THAT YOU PRODUCED IN SESSIONS 1 AND 2 TO ASSIST YOU DURING THIS PAPER.**
- The total number of marks for this paper is **20**.
- Any blank pages are indicated.

**Answer BOTH questions in the space provided.**

- 1 Sustainability is an increasingly important issue for any designer. A retail venue is keen to raise environmental awareness among its visitors.**

**Prepare a discussion that REFLECTS ON YOUR PRODUCT and considers environmental issues.**

**You should include:**

**Modifications that you would make to your product to make it more sustainable.**

**Consideration of the Life Cycle Analysis of your product.**

**The cost implications of any environmental improvements.**

**[10]**

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[illegible]

[illegible]

[illegible]

- 2 Fashion, trends and aesthetics are important for designers to consider when developing new products.**

**Prepare a discussion that REFLECTS ON YOUR PRODUCT and considers the influence of fashion and trends.**

**You should include:**

**Modifications that could be made to your product to take into account fashion and trends.**

**Materials and manufacturing techniques that could be used for these modifications.**

**Cost implications of these improvements. [10]**

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[illegible]



[illegible]

[illegible]

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**END OF QUESTION PAPER**

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