

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS  
AS GCE**

**F521/02**

**DESIGN AND TECHNOLOGY  
Advanced Innovation Challenge  
SESSION 3 – REFLECTION TEST**

**THURSDAY 10 JANUARY 2013: Morning**

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

**MODIFIED ENLARGED 18pt**

<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.
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## **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**.

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

- 1 Prepare a discussion that REFLECTS ON YOUR PRODUCT and considers how it could be marketed.**

## You should include:

## The unique selling points of your product.

**Commercial viability and expected levels of production of your product.**

**Suitable methods of marketing your product to the end users.**

**[10]**

[illegible]

[illegible]

[illegible]

[illegible]

- 2 Ergonomics is an important area for designers to consider when developing a product that will be used by a variety of people.**

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

**You should include:**

**Modifications that could be made to your product to improve its ergonomics for a broader range of users.  
Materials and manufacturing techniques that could be used for these ergonomic improvements.  
Cost implications of these ergonomic improvements.**

**[10]**

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[illegible]



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**END OF QUESTION PAPER**

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