

General Certificate of Education
June 2007
Advanced Subsidiary Examination



DESIGN AND TECHNOLOGY: PRODUCT DESIGN PD3T
(TEXTILES)
Unit 3 Design and Market Influences

Tuesday 5 June 2007 9.00 am to 10.30 am

For this paper you must have:

- a lined answer book (AB08) which is provided separately
- normal writing and drawing instruments.

Time allowed: 1 hour 30 minutes

Instructions

- Use blue or black ink or ball-point pen. Use pencil and coloured pencils only for drawing.
- Write the information required on the front of your answer book. The *Examining Body* for this paper is AQA. The *Paper Reference* is PD3T.
- Answer **all** questions.
- Two sheets of A3 paper are provided for use with **Question 2**. No further sheets are to be used.
- Securely attach the two sheets of A3 paper to your answer book at the end of the examination.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 100.
Four of these marks will be awarded for using good English, organising information clearly and using specialist vocabulary where appropriate.

Advice

- Illustrate your answers with sketches and/or diagrams wherever you feel it is appropriate.

Answer **all** questions.

You are advised to spend about 20 minutes on **Question 1** and about 1 hour 10 minutes on **Question 2**.

- 1 (a) Modern fabrics can be used to give special effects.
Giving examples, explain how these fabrics allow the design and manufacture of interesting and exciting textile products. *(6 marks)*
- (b) Presentation of ideas is an important part of a designer's work.
- (i) Describe ways in which a designer might communicate ideas about colour. *(4 marks)*
- (ii) Explain the advantages and disadvantages of each of the following 3-D methods of presenting ideas for textile products.
- fabric prototype/toile
 - virtual catwalk
- (2 × 5 marks)*

Use the two separate A3 sheets provided to answer **Question 2**.

2 You are asked to produce design ideas for an exciting range of fashion products or decorative furnishings that:

- use the theme of food and/or drink
- use a range of fabrics and colours
- include some modern fabrics which will give special effects
- use an appropriate range of components
- are suitable for small scale production.

(a) On sheet **1**, produce a range of annotated initial design ideas. *(15 marks)*

(b) On sheet **2**, develop a final design solution for **one** product. Your final design should include the following:

- a final presentation drawing
- details of how the product will be constructed
- details of fabrics and components
- appropriate dimensions
- how your design meets the specification.

Marks will be awarded for:

- | | |
|---|-------------------|
| (i) quality of communication | <i>(10 marks)</i> |
| (ii) originality and innovation of products | <i>(15 marks)</i> |
| (iii) appropriateness of fabrics and components | <i>(12 marks)</i> |
| (iv) sizing and dimensioning | <i>(4 marks)</i> |
| (v) methods used to construct the product | <i>(10 marks)</i> |
| (vi) how the design meets the specification. | <i>(10 marks)</i> |

END OF QUESTIONS

There are no questions printed on this page