

General Certificate of Education
June 2004
Advanced Level Examination



DESIGN & TECHNOLOGY: PRODUCT DESIGN PD6T
(TEXTILES)
Unit 6 Written Paper

Friday 18 June 2004 1.30 pm to 4.30 pm

In addition to this paper you will require:

- an unlined answer book (7024) which is provided separately;
- normal writing and drawing instruments.

Time allowed: 3 hours

Instructions

- Use blue or black ink or ball-point pen. Pencil and coloured pencils should be used 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 PD6T.
- **Answer one question from each of Sections A, B and C and one other question from any section.**

Information

- The maximum mark for this paper is 100.
- 24 marks are allocated to each question and 4 marks overall are allocated for quality of written communication.
- Mark allocations are shown in brackets.
- This paper carries 20 per cent of the total marks for Advanced Level.
- You are reminded of the need for good English and clear presentation. The quality of your written communication will be assessed across all questions.

Advice

- Your answers should be illustrated with sketches and/or diagrams wherever you feel it is appropriate.

Answer **one** question from **each** of the three sections and **one** other question from any section.

SECTION A
Materials and Components

- 1 (a) Explain recent changes in the sources, supply and manufacture of natural fibres. *(12 marks)*
- (b) Describe the impact of these changes on the environment. *(12 marks)*
- 2 Explain how new fibres and fabrics have been developed to aid performance of textile products.
Make reference to specific examples of fibres, fabrics and textile products in your answer. *(24 marks)*

SECTION B**Design and Market Influences**

- 3** Artists and design movements have provided inspiration for textile products throughout the centuries.

With reference to specific textile products show how the influence of **two** different artists or design movements can be seen. *(2 × 12 marks)*

- 4** Certain products are often referred to as *Design Classics*.

(a) Describe **two** different textile products which are considered to be Design Classics. *(2 × 7 marks)*

(b) Explain why these products are considered to be classic designs. *(10 marks)*

TURN OVER FOR SECTION C

Turn over ►

SECTION C**Processes and Manufacture**

- 5 A textile manufacturer is required to address the subject of Health and Safety within the workplace.
- (a) What are the legal requirements within the textile industry regarding Health and Safety? *(8 marks)*
- (b) What safety procedures could be put into place when organising a garment production line? *(16 marks)*
- 6 (a) Explain the meaning of the following terms within textiles manufacture:
- (i) wholesalers; *(4 marks)*
- (ii) contractors; *(4 marks)*
- (iii) offshore production. *(4 marks)*
- (b) Many manufacturers are organising production on a global scale.
- (i) Explain the term *global production*. *(4 marks)*
- (ii) Outline the advantages and disadvantages of production on this scale. *(8 marks)*

END OF QUESTIONS