

UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS
General Certificate of Education
Advanced Subsidiary Level and Advanced Level

DESIGN AND TEXTILES

9631/01

Paper 1 Fibres and Fabrics
 Design

For Examination from 2008

Specimen Paper

2 hours

Additional Materials: Answer booklet/Paper

READ THESE INSTRUCTIONS FIRST

If you have been given an Answer Booklet, follow the instructions on the front cover of the Booklet.
Write your Centre number, candidate number and name on all the work you hand in.
Write in dark blue or black pen on both sides of the paper.
You may use a soft pencil for any diagrams, or rough working.
Do not use staples, paper clips, highlighters, glue or correction fluid.

Answer **three** questions in total.

Section A

Answer **both** questions.

Section B

Answer **one** question.

Illustrate your answers with clear, well-spaced diagrams.

You may, if you wish, use the silhouette on page 4 to produce outlines for your sketches. Place the silhouette under a single sheet of script paper and trace the outline in pencil.

At the end of the examination, fasten all your work securely together.

The number of marks is given in brackets [] at the end of each question or part question.

For Examiner's Use	
Section A	
Section B	
Total	

This document consists of **4** printed pages.



SECTION A

Answer **both** questions.

1 There are many different woven fabrics.

- (a) Describe the basic method of weaving. [4]
- (b) Explain, using diagrams, how plain, twill and satin weaves are produced. [6]
- (c) Compare the performance characteristics of twill weave fabrics with satin weave fabrics. [6]
- (d) Assess how fibre composition and yarn type may affect the performance characteristics of **three** named woven fabrics. [9]

[Total: 25]

2 Fibres are widely used for textiles.

- (a) Describe briefly how **one** cellulosic and **one** protein fibre are obtained from their source. [2]
- (b) Explain why there may be variations in fibre length and fineness in the fibres chosen in (a). [4]
- (c) Compare the differences between a range of natural and man-made fibres when carrying out microscopic examination. [9]
- (d) Discuss why it is useful to know the moisture absorbency of fibres when relating it to
 - (i) comfort;
 - (ii) ease of care. [10]

[Total: 25]

SECTION B

Answer **one** question.

3 Fashion is important to some people in today's society.

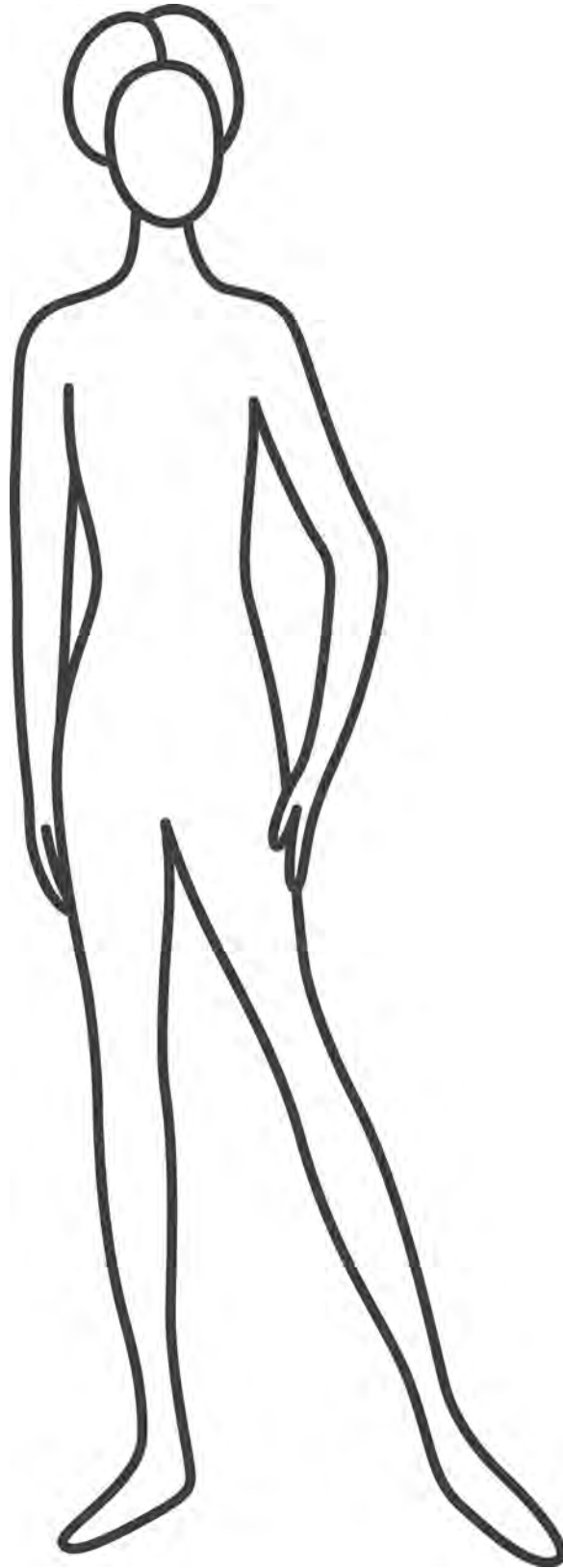
- (a) Briefly outline what is meant by the term "fashion". [2]
- (b) Describe **four** factors which can influence aspects of fashion in today's society. [4]
- (c) Discuss how fashion trends may be revived from past years, giving specific examples. [9]
- (d) Assess the merits of a range of retail outlets available in the high street or main shopping area, for fashion goods. [10]

[Total: 25]

4 A variety of processes are used in clothing manufacture.

- (a)** Briefly outline how lay planning is carried out in the clothing industry (home-based or industrial). [3]
- (b)** Compare the methods of marking fabrics before assembly, for a one-off item and a mass produced item. [4]
- (c)** Assess the range of sewing machines available at home and in industry, for product assembly. [6]
- (d)** Explain how a range of edge finishes can be carried out by machine in the clothing industry (home-based or industrial). [12]

[Total: 25]



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