

UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS  
 General Certificate of Education  
 Advanced Level

**DESIGN AND TEXTILES**

**9631/03**

Paper 3    Textile Applications  
               Textile Technology

For Examination from 2009

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.  
 You may use a soft pencil for any diagrams or rough working.  
 Do not use staples, paper clips, highlighters, glue or correction fluid.

Answer **four** questions in total.

**Section A**

Answer **both** questions.

**Section B**

Answer **two** questions.

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	/
<b>Total</b>	

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



**SECTION A**

Answer **both** questions.

- 1** Children's clothing design is an important aspect of the fashion industry.
- (a) Outline the factors which need to be considered when selecting fabrics for children's clothing. [5]
  - (b) Describe a range of performance finishes which could be used on fabrics for children's clothing. [5]
  - (c) Assess the importance of the detailed design specification when designing a range of clothing for children. [7]
  - (d) Discuss how the designer can make children's clothing appealing to children, as well as their parents, giving examples. [8]

**[Total: 25]**

- 2** Cushions are popular home accessories.
- (a) Outline the safety issues which need to be considered when selecting fabrics for cushions. [2]
  - (b) Explain which important factors should be included in the design specification for a cushion. [5]
  - (c) Discuss how the use of additional materials could be used to improve the quality and appearance of cushions. [8]
  - (d) Assess the value of carrying out market research and consumer testing when designing textile products for the home. [10]

**[Total: 25]**

**SECTION B**

Answer **two** questions.

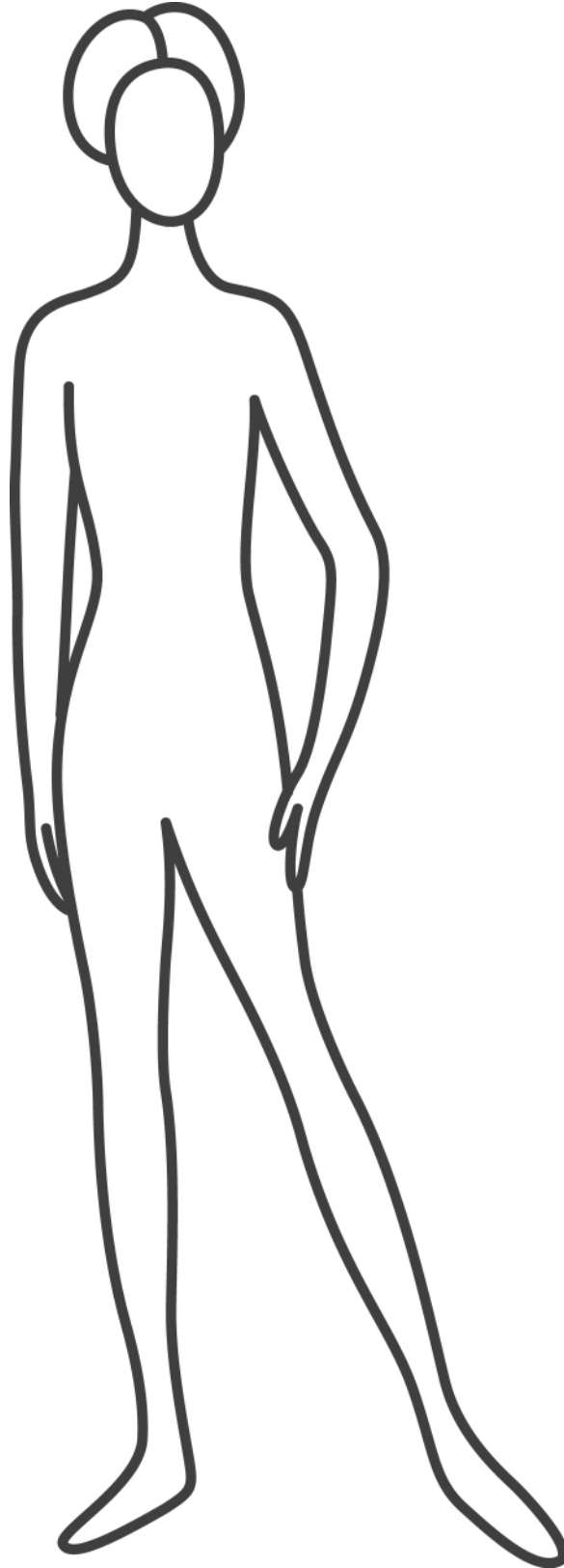
- 3 (a)** Discuss how colour can be used to create interesting effects in the production of yarns. [10]
- (b)** Assess the range of decorative effects which could be achieved on fabrics when using dyes. [15]

**[Total: 25]**

- 4 (a)** Discuss the range of environmental factors which can cause physical wear in textiles. [10]
- (b)** Assess the environmental issues which the textile industry has to consider when producing textile products. [15]

**[Total: 25]**

- 5** Assess the range of experimental textile techniques which can be used to create surface texture. **[25]**



---

*Copyright Acknowledgements:*

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (UCLES) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

University of Cambridge International Examinations is part of the Cambridge Assessment Group. Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.