



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

DESIGN AND TEXTILES

9631/01

Paper 1 Fibres, Fabrics and Design

October/November 2013

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 pencil for any diagrams or rough working.
Do not use staples, paper clips, highlighters, glue or correction fluid.
DO NOT WRITE IN ANY BARCODES.

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.

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



Section A

Answer **both** questions.

- 1** Silk and viscose are often used for fashion items.
- (a)** State the sources of:
- (i)** silk
 - (ii)** viscose. [2]
- (b)** Explain the results you would expect to find when carrying out the following tests on **silk**:
- (i)** flammability test
 - (ii)** microscopic test. [6]
- (c)** Discuss the reasons why **viscose** is used as a substitute for silk for fashion items. [8]
- (d)** Assess the performance characteristics of **viscose** fabrics constructed with **three** different weaves. [9]
- [Total: 25]**

- 2** There is a wide variety of woven fabrics available for fashion items.
- (a)** Name **two** plain weave fabrics which are often made from cotton fibres. [2]
- (b)** Discuss how the performance characteristics of one fabric from **(a)** can affect the choice of style of a fashion item. [5]
- (c)** Using sectional diagrams, show how the following weaves are constructed:
- (i)** satin weave
 - (ii)** dobby weave
 - (iii)** jacquard weave. [9]
- (d)** Assess the factors which need to be considered when deciding whether to choose woven fabrics or knitted fabrics for outdoor clothing. [9]
- [Total: 25]**

Section B

Answer **one** question.

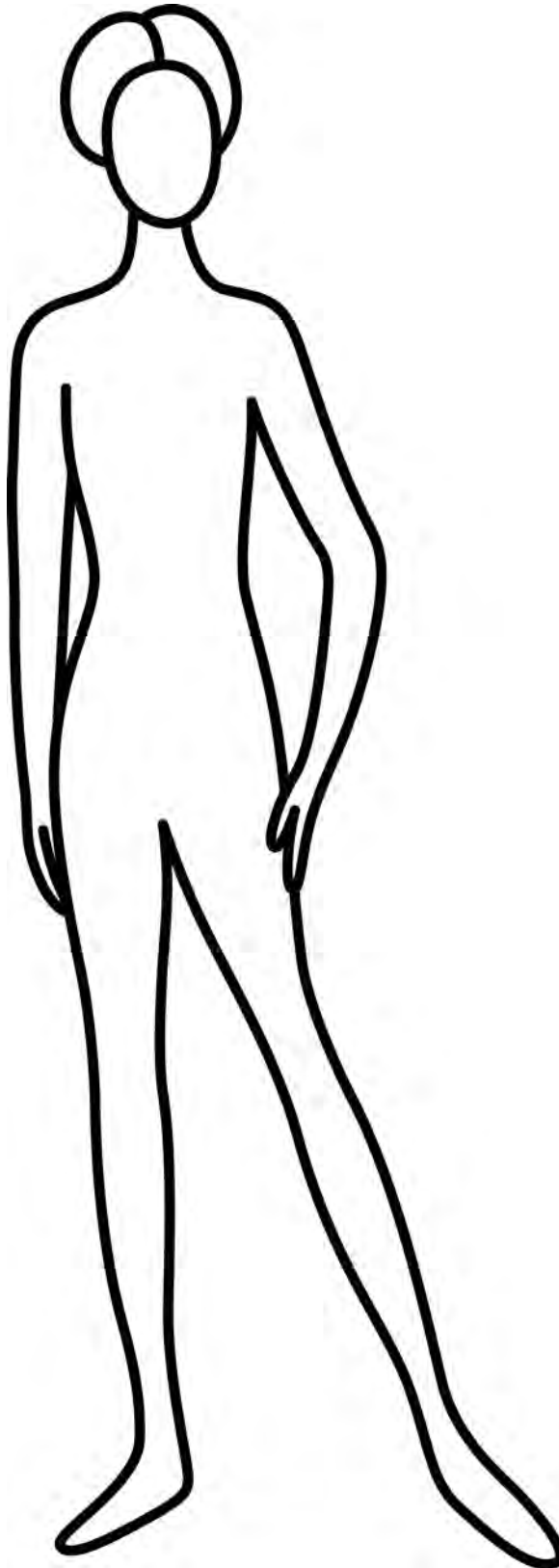
- 3** Good design is important for the visual appeal of textile items.
- (a) Explain what is meant by good functional design. [2]
- (b) (i) Produce a labelled sketch of a design for a textile hanging which incorporates the use of fabrics with interesting textures. [4]
- (ii) Explain how the design will be interpreted using textile processes. [4]
- (c) Justify your choice of fabrics, texture and textile processes. [6]
- (d) Assess how the study of **historical** and **cultural** heritage can help to develop design ideas for textiles items. Refer to specific examples in your answer. [9]

[Total: 25]

OR

- 4** There are several ways of manufacturing clothing items.
- (a) Outline the following methods of clothing production:
- (i) batch production
- (ii) mass production. [4]
- (b) Suggest the most appropriate production method for making white t-shirts, giving reasons for your choice. [4]
- (c) Discuss the factors which the clothing manufacturer would consider when choosing the most appropriate methods of seams (joins) for different items of clothing. [8]
- (d) Assess the variety of pressing and finishing methods available to the clothing manufacturer. [9]

[Total: 25]



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