



Cambridge International AS & A Level

DESIGN & TEXTILES

9631/01

Paper 1 Fibres, Fabrics and Design

October/November 2023

2 hours

You must answer on the enclosed answer booklet.

You will need: Answer booklet (enclosed)

INSTRUCTIONS

- Answer **three** questions in total:
 - Section A: answer **both** questions.
 - Section B: answer **one** question.
- Follow the instructions on the front cover of the answer booklet. If you need additional answer paper, ask the invigilator for a continuation booklet.
- You should illustrate your answers with clear, bold diagrams.
- Use Fig. 1 on page 4 to produce outlines for your sketches. Place the figure under a sheet of paper in the answer booklet and trace the outline in pencil.

INFORMATION

- The total mark for this paper is 75.
- The number of marks for each question or part question is shown in brackets [].

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This document has 4 pages.

Section A

Answer **both** questions.

1 Cotton and polyester fibres are often used in fabric construction.

(a) State how the following fibres are obtained:

(i) Cotton fibres [2]

(ii) Polyester fibres [2]

(b) Describe the results of an examination under a microscope of cotton fibres and polyester fibres. [4]

(c) Explain how the absorbency of cotton fibres affects cotton fabrics. Give examples of products to support your answer. [7]

(d) Evaluate the advantages of using a cotton and polyester blended fibre, instead of 100% cotton fibre. Give examples of fabrics and garments to support your answer. [10]

[Total: 25]

2 Woven fabrics are widely used.

(a) Compare the following:

(i) Satin fabrics [2]

(ii) Dobby cloth [2]

(b) Describe the possible end uses of fabrics constructed with a Jacquard weave. [5]

(c) Evaluate the suitability of twill weave wool fabrics for winter coats and jackets. [7]

(d) Assess how the choice of fibres used for making felt fabrics would affect the fabric's performance. [9]

[Total: 25]

Section B

Answer any **one** question.

3 'Style' is an aesthetic quality that contributes to contemporary fashion.

(a) Sketch and label a design for a pair of pyjamas suitable for a teenager to wear in the winter. Identify **one** suitable fabric and **one** style feature. [4]

(b) Describe what is meant by fashion revivals. Give examples of fashion revivals. [6]

(c) Discuss why many garments have a short fashion lifecycle. [7]

(d) Evaluate the advantages of using Computer-aided design (CAD) to design fabrics. [8]

[Total: 25]

4 The quality of clothing depends upon many factors.

(a) State **two** reasons why it is important to press garments during construction. [4]

(b) Explain why fashion garments are often lined. [5]

(c) Compare one-off (job) production methods with mass production methods. [7]

(d) Discuss why a manufacturer has to consider product assembly when planning to produce a batch of fashion shirts. [9]

[Total: 25]

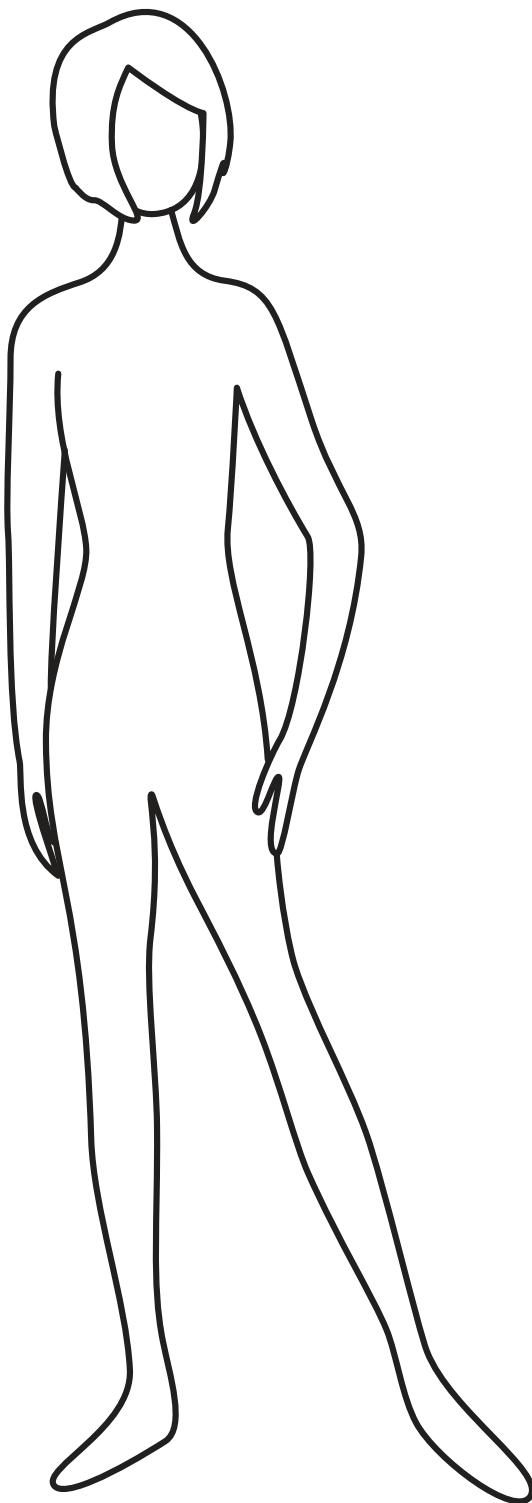


Fig. 1

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