
DESIGN AND TEXTILES

9631/01

Paper 1 Fibres, Fabrics and Design

October/November 2019

2 hours

No Additional Materials are required.

READ THESE INSTRUCTIONS FIRST

An answer booklet is provided inside this question paper. You should follow the instructions on the front cover of the answer booklet. If you need additional answer paper ask the invigilator for a continuation booklet.

Answer **three** questions in total.

Section A

Answer **both** questions.

Section B

Answer **one** question.

Illustrate your answers with clear, well-spaced and labelled diagrams.

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

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

This document consists of **4** printed pages and **1** Insert.

Section A

Answer **both** questions

Cotton fibres and fabrics are used for clothing and in the home.

- 1 (a) Describe the process of making cotton yarn from fibres. [4]
- (b) Describe the results of a microscopic examination of
- (i) cotton fibres [3]
 - (ii) viscose fibres [3]
- (c) Compare the results of a burning test for **cotton** and **viscose** fibres. [6]
- (d) Evaluate the advantages of using a blend of cotton and regenerated cellulosic fibres, rather than 100% cotton fibres, for fashion fabrics. [9]

[Total: 25]

2 Different types of fabric constructions can be used for clothing.

- (a) Explain how the following are constructed:
You must use labelled diagrams to support each answer.
- (i) twill weave [4]
 - (ii) sateen weave [4]
 - (iii) weft knitting [4]
 - (iv) warp knitting [4]
- (b) Compare the performance characteristics of polyester twill weave fabric and silk weft knitted fabric. [9]

[Total: 25]

Section BAnswer **one** question

3 Design principles are important in the design of textile products.

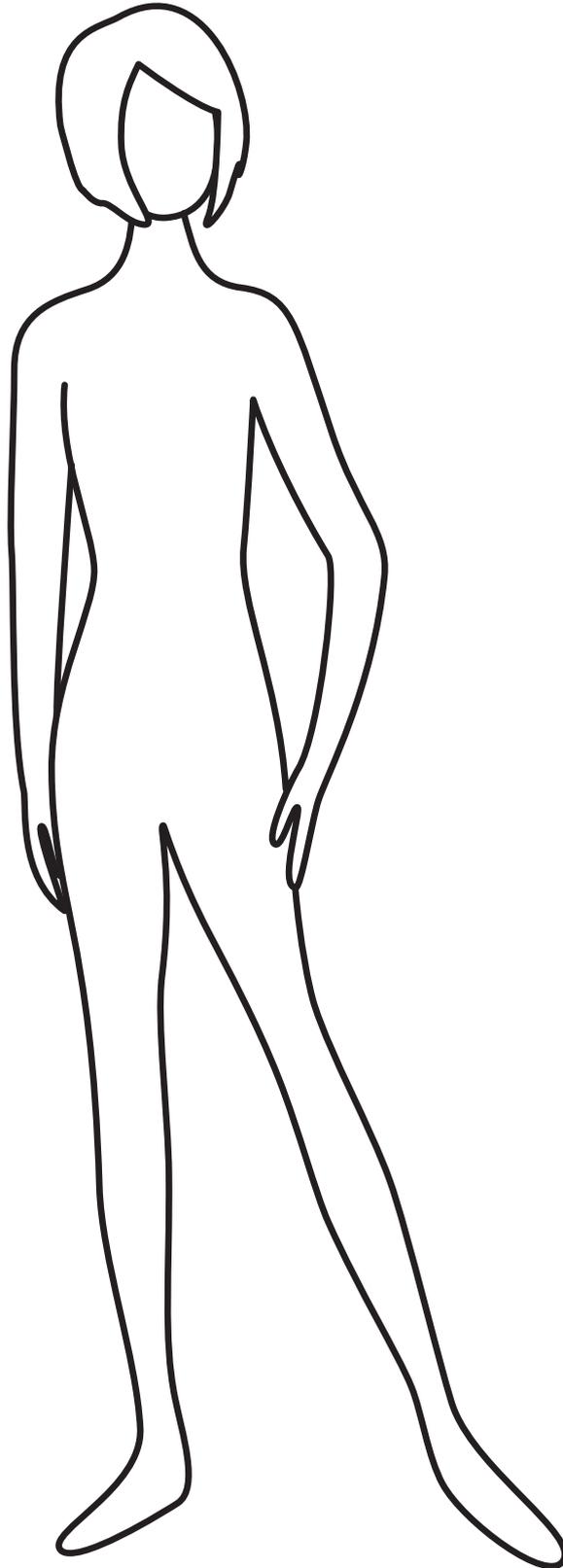
- (a) Explain how **line** and surface **pattern** contribute to good design of textile products. [6]
- (b) (i) Sketch and label **two** dress designs to show how **line** and surface **pattern** can be used together to create good visual appeal. Include front and back views of the dresses. [8]
- (ii) Suggest **two** reasons to explain why your designs in **(b)(i)** would be successful in contemporary fashion. [4]
- (c) Evaluate the different manufacturing methods that could be used to make one of the dresses designed in **3(b)(i)**. State the design you have chosen in your answer. [7]

[Total: 25]

4 Contemporary fashion wear is popular with consumers.

- (a) Describe what is meant by the following and give **one** example of **each**:
- (i) fashion fads [3]
- (ii) fashion revivals [3]
- (b) Discuss how the choice of **seams** and **edge finishes** in garment manufacture is affected by the type of fabric used. [9]
- (c) Compare the advantages and disadvantages of **three** different types of retail outlets that sell fashionable sportswear. [10]

[Total: 25]



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