

# Cambridge International AS & A Level

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**DESIGN & TEXTILES**

**9631/03**

Paper 3 Textile Applications and Textile Technology

**October/November 2020**

**2 hours**

You must answer on the enclosed answer booklet.

You will need: Answer booklet (enclosed)

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## INSTRUCTIONS

- Answer **four** questions in total:  
Section A: answer **both** questions.  
Section B: answer **two** questions.
- 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 Figure 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 100.
- The number of marks for each question or part question is shown in brackets [ ].

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This document has **4** pages. Blank pages are indicated.

**Section A**Answer **both** questions**1 Many factors have to be considered when designing children's clothing.**

- (a) Outline **four** factors a designer would consider when designing a range of children's clothing. [4]
- (b) Sketch and label a design for a young child's raincoat. Justify your choice of fabric and style features. [6]
- (c) Explain the importance of having a detailed product specification for the manufacture of children's clothing. Give specific examples. [5]
- (d) Evaluate the use of performance finishes on children's clothing. Give named examples. [10]

**[Total: 25]****2 There is a wide variety of yarns available for textile manufacturing.**

- (a) Describe **three** differences between staple fibre yarns and filament yarns. [6]
- (b) (i) Sketch and label a special occasion bag which uses at least **two** speciality yarns in creative techniques for decoration. [4]
- (ii) Justify your choice of **two** named creative techniques in (b)(i). [2]
- (iii) Explain how **one** named creative technique in (b)(i) will be worked on the bag. [5]
- (c) Assess the production methods of speciality yarns. Give named examples. [8]

**[Total: 25]**

**Section B**Answer **two** questions**3 Home furnishings are popular.**

- (a) (i) Sketch and label a design for a cushion that includes **one** named fabric and **two** decorative techniques achieved with the use of dyes. [4]
- (ii) Justify your choice of fabric and decorative techniques. [3]
- (b) Assess how a range of named decorative **components** could be used to enhance home furnishings. [8]
- (c) Evaluate the importance of risk assessments and safety in the work place when constructing home furnishings. Give examples of safe working practices. [10]

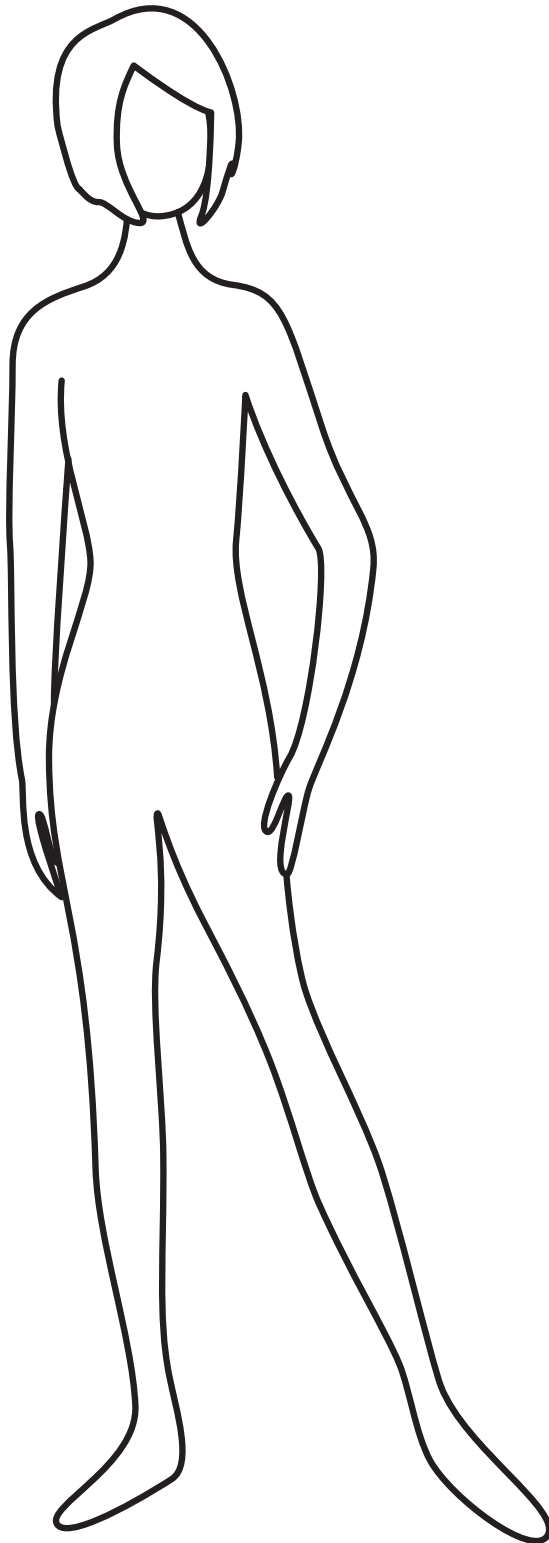
**[Total: 25]****4 It is important to consider environmental issues in the design and manufacture of textile products.**

- (a) Consider the possibilities for using recycled fabrics and components in the items you made for your coursework. [5]
- (b) Explain why the safe handling and disposal of dye stuffs and mordants are important for the environment. [8]
- (c) Discuss how consumer choice impacts on environmental issues related to the fashion industry. Give examples to support your answer. [12]

**[Total: 25]****5 A designer is developing a range of evening shirts.**

- (a) Explain the importance of producing and testing prototypes. [7]
- (b) Analyse a range of seams and their suitability for evening shirts. Give examples of suitable fabrics and give reasons for your choices. [8]
- (c) Evaluate the value of the care labelling system and use of International Textile Care Labelling Codes. [10]

**[Total: 25]**



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