



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS  
General Certificate of Education Advanced Level

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**DESIGN AND TEXTILES**

**9631/03**

Paper 3 Textile Applications and  
Textile Technology

**October/November 2012**

**2 hours**

Additional Materials: Answer Booklet/Paper

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**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.

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.

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



**Section A**

Answer **both** questions.

- 1** It is important to choose suitable fabrics for workwear.
- (a)** State **four** reasons why fabrics chosen for workwear need to be suitable for different types of work. [4]
  - (b) (i)** Sketch a design for a pair of overalls for a named occupation. [3]
  - (ii)** Give details of **six** fabric specification points, for the overalls in **(b) (i)**. [6]
  - (iii)** Name **two** suitable fabrics. [2]
  - (iv)** Describe **two** appropriate fabric performance finishes. [2]
  - (c)** Assess the importance of the fabric specification points chosen in **(b) (i)** for the overalls. [8]

**[Total: 25]**

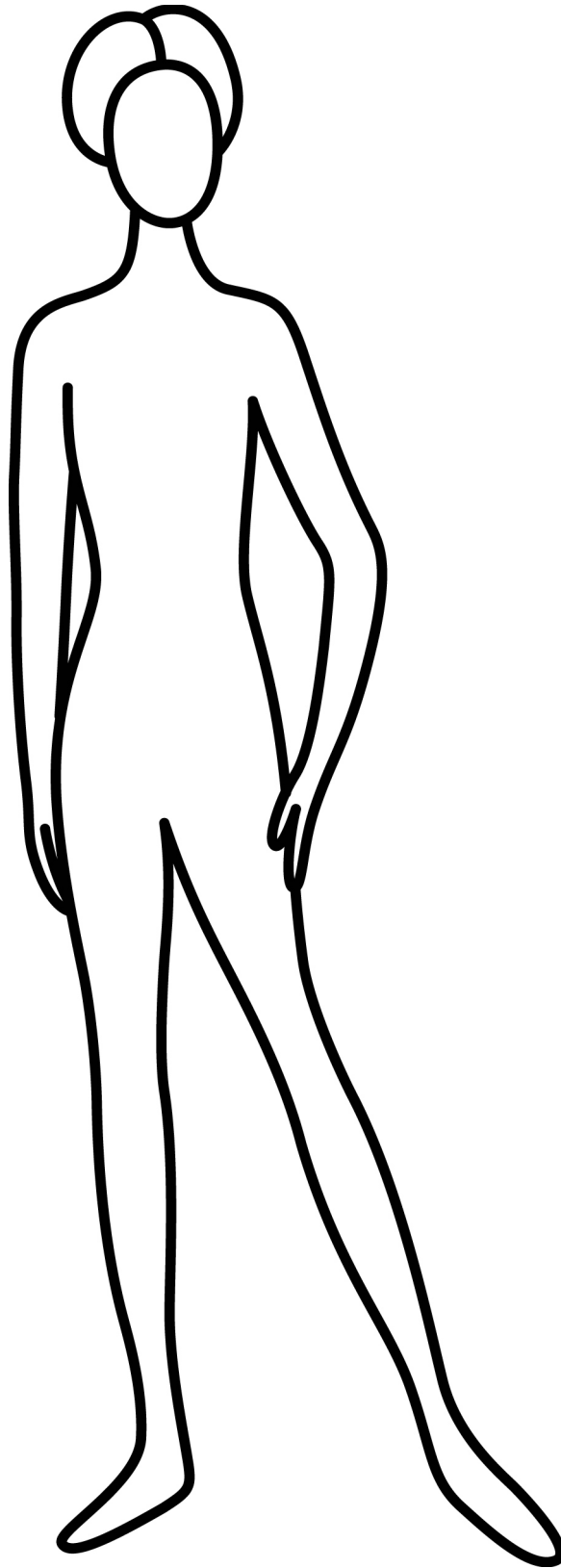
- 2** Creative techniques can involve the use of yarns or fabrics.
- (a)** Give **three** reasons why creative techniques are used on textile items. [3]
  - (b)** Sketch and label **two** bags which use yarns and free machining in a creative way. [4]
  - (c)** Discuss the points which need to be considered before working the free machining on **one** of the bag designs in **(b)**. [6]
  - (d)** Assess the range of materials available for working creative techniques. Discuss their use on textile items. [12]

**[Total: 25]**

## Section B

Answer **two** questions.

- 3** Decorative embroidery techniques are used for special gifts.
- (a) Sketch a design for a special textile gift for someone using hand embroidery technique(s).  
Label the design features, and include details of the technique chosen. [5]
- (b) (i) Write a detailed product specification for the item. [5]  
(ii) Explain the reasons for your choice of materials to make the item. [5]
- (c) Compare the following methods of production for the item designed in (a).  
(i) a sample item;  
(ii) a batch of fifty items with decorative embroidery produced by machine. [10]
- [Total: 25]**
- 4** Environmental factors need to be considered when designing textile products.
- (a) (i) Outline the principles of dry cleaning. [3]  
(ii) Explain why it is necessary to have a range of different dry cleaning care symbols for garments. [5]
- (b) Assess ways in which trimmings from recycled textile items could be used in an interesting way for cushions. Illustrate your answer. [10]
- (c) Discuss the importance of personal judgement when evaluating textile products. [7]
- [Total: 25]**
- 5** Trousers have continued to be a popular item of clothing.
- (a) Design **two** different trouser designs for teenagers which incorporate the use of decorative closures (fastenings). Label the style features. [4]
- (b) Write **eight** product specification points for **one** of the garments in (a). [8]
- (c) Explain why it is important for a manufacturer of garments to have a detailed manufacturing specification for the design in (b) before production. [6]
- (d) Discuss why some textiles are less affected by physical wear (e.g. snagging, pilling) than others. [7]
- [Total: 25]**



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