

## **Cambridge International Examinations**

Cambridge International Advanced Subsidiary and Advanced Level

### **DESIGN AND TEXTILES**

9631/03

Paper 3 Textile Applications and Textile Technology

October/November 2017

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 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 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.



**CAMBRIDGE** 

International Examinations

### Section A

## Answer both questions.

- 1 Fitness for purpose is an important consideration when designing new items of clothing.
  - (a) (i) Name two fabrics and the fibres they are made from, which would be suitable for nightwear. [2]
    - (ii) Explain **three** reasons why one of your named fabrics in **(a)(i)** is suitable for nightwear.
  - (b) Assess the environmental issues a fashion designer needs to consider when designing new items of clothing. [6]
  - (c) Discuss which fabrics and suitable finishes are available when choosing luxury fabrics for designing ladies' evening/party wear. [11]

[Total 25 marks]

- 2 (a) When mixing pigments explain what is meant by:
  - (i) secondary colours [2]
  - (ii) tertiary colours [2]

You may include a diagram in your answer.

- **(b)** Assess the choices available to the manufacturer of applying colour to fabric. [10]
- (c) Discuss whether the choice of a coloured fabric influences a fashion designer in the design of new textile products. [11]

[Total 25 marks]

© UCLES 2017 9631/03/O/N/17

### **Section B**

### Answer two questions.

- (a) Discuss some of the factors to be considered when designing clothing using creative techniques.
  - (b) Assess a range of different ways to manipulate fabrics in order to produce interesting design features and surface textures for clothing. [13]

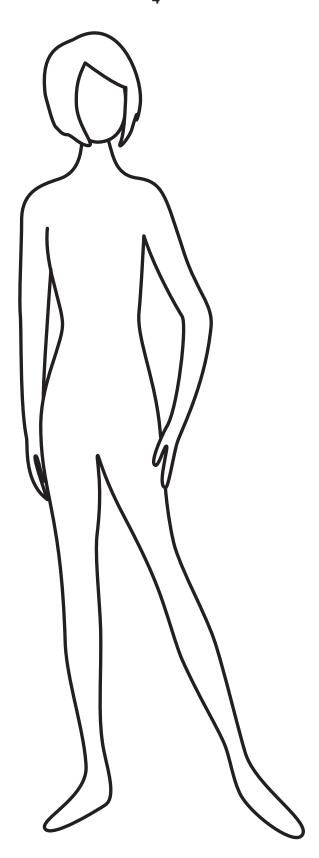
## [Total 25 marks]

- 4 (a) Compare the performance characteristics of staple fibre yarns with filament yarns. [12]
  - (b) Discuss how a manufacturer would choose and estimate the quantities of all materials and components needed for the design task of a jacket. [13]

## [Total 25 marks]

- (a) Explain how a designer would decide on initial ideas for designs of textile items to be used as home accessories.
  - **(b)** Discuss what would influence a designer when choosing fabrics for cushions. [9]
  - (c) Compare how decorated cushions would be made using **two** different manufacturing methods. [12]

# [Total 25 marks]



Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (UCLES) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced online in the Cambridge International Examinations Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download at www.cie.org.uk after the live examination series.

Cambridge International Examinations is part of the Cambridge Assessment Group. Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.

© UCLES 2017 9631/03/O/N/17