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**DESIGN AND TEXTILES**

**9631/03**

Paper 3 Textile Applications and Textile Technology

**October/November 2017**

**2 hours**

No Additional Materials are required.

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**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.

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

**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. [6]
- (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]**

**Section B**

Answer **two** questions.

- 3 (a) Discuss some of the factors to be considered when designing clothing using creative techniques. [12]
- (b) Assess a range of different ways to manipulate fabrics in order to produce interesting design features and surface textures for clothing. [13]

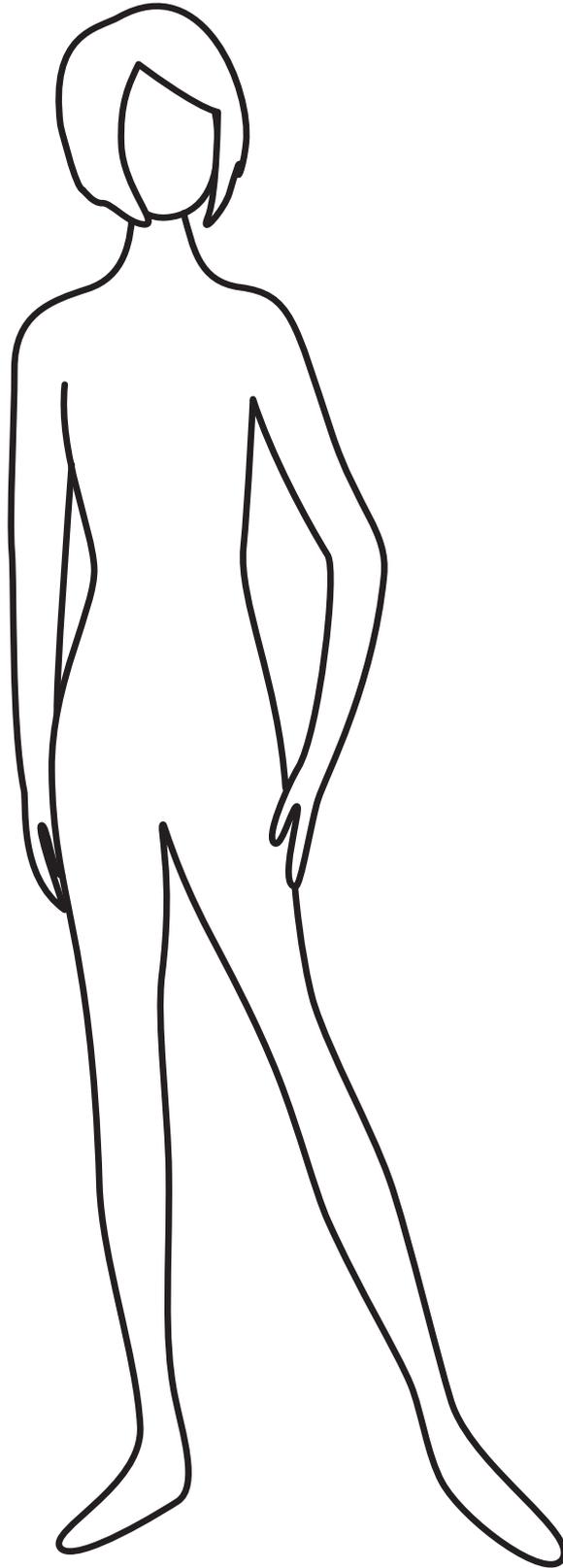
**[Total 25 marks]**

- 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]**

- 5 (a) Explain how a designer would decide on initial ideas for designs of textile items to be used as home accessories. [4]
- (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]**



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