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**DESIGN AND TEXTILES**

**9631/03**

Paper 3 Textile Applications and Textile Technology

**October/November 2019**

**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 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.

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

**Section A**Answer **both** questions

- 1** There is a wide variety of sportswear available.
- (a) State **four** factors a designer should consider when designing a collection of sportswear. [4]
- (b) (i) Sketch and label a design for a ladies' sports jacket.  
Your design should include fastenings, an original logo and **one** named synthetic fabric. [4]
- (ii) Justify your choices of fastenings, logo and fabrics in your design in **1(b)(i)**. [4]
- (c) Explain how **three** fabric finishes will improve the performance of the fabric chosen in **1(b)(i)**. [6]
- (d) Discuss the factors a manufacturer should consider when producing the logo for the ladies' sports jacket sketched in **1(b)(i)**. [7]
- [Total: 25]**

- 2** Different yarns are used in fabric production.
- (a) Describe **two** different performance characteristics for **each** of the following: [2]
- staple fibre yarns [2]
  - filament yarns [2]
- (b) Discuss how different speciality yarn types can be used in woven fabrics to produce a variety of textural effects. [9]
- (c) Compare natural dyes with synthetic dyes when dyeing fibres, yarns and fabrics. [12]
- [Total: 25]**

**Section B**Answer **two** questions

- 3 (a) Discuss how creative techniques can be used on trousers or jeans for teenagers. Include specific examples of techniques in your answer. [13]
- (b) Assess how fitness for purpose can influence a fashion designer when designing trousers or jeans for teenagers. Include specific examples to support your answer. [13]

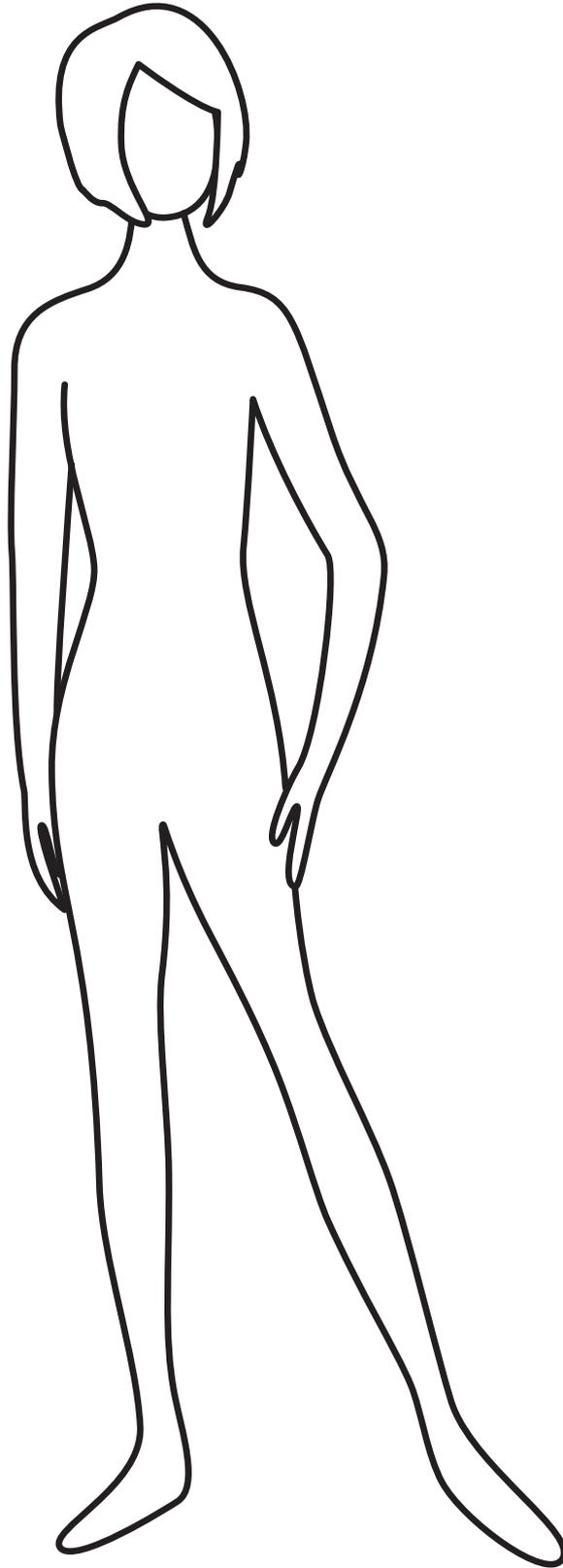
**[Total: 25]**

- 4 (a) Assess the importance of product development when creating a new fashion collection. Include examples to support your answer. [13]
- (b) Discuss the factors to consider when selecting materials to include in a product specification for a skirt. [12]

**[Total: 25]**

- 5 (a) Discuss different fabric finishes used in workwear. Include examples of different garments, fabrics and fabric finishes in your answer. [12]
- (b) Assess how environmental concerns affect the manufacture of textiles. Include specific examples to support your answer. [13]

**[Total: 25]**



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