



Cambridge O Level

CANDIDATE
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FASHION & TEXTILES

6130/01

Paper 1 Theory

October/November 2020

2 hours

You must answer on the question paper.

You will need: Ruler
Small piece of fabric, needle and thread

INSTRUCTIONS

- Answer **four** questions in total:
Section A: answer **all** parts of Question 1.
Section B: answer **three** questions.
- Use a black or dark blue pen.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answer to each question in the space provided.
- Do **not** use an erasable pen or correction fluid.
- Do **not** write on any bar codes.
- You may use an HB pencil for any diagrams or rough working.
- You should illustrate your answers with clear, bold diagrams wherever necessary.
- You may use a needle and thread and a small piece of fabric to help in making drawings of stitches.
- This fabric should **not** be handed in with your work.

INFORMATION

- The total mark for this paper is 100.
- The number of marks for each question or part question is shown in brackets [].

This document has **24** pages. Blank pages are indicated.

Section A

Answer **all** questions in this section.

Fig. 1.1 is a drawing of the front and back views of a shift dress.

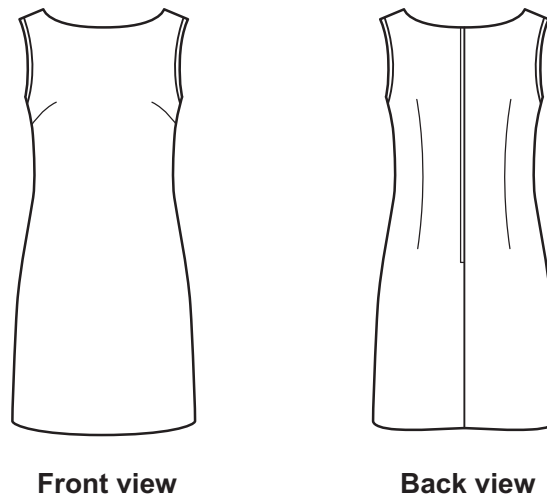


Fig. 1.1

- 1 (a) (i) Identify **one** fabric suitable for the shift dress in Fig. 1.1.

..... [1]

- (ii) Give **two** reasons for choosing the fabric identified in 1(a)(i).

Reason 1

.....

Reason 2

.....

[2]

- (iii) Explain, using labelled diagrams, how plain weave fabric is constructed.

[4]

- (iv) Identify **one** vegetable fibre that could be used to make the fabric for the shift dress in Fig. 1.1.

..... [1]

- (v) Identify **two** performance characteristics of the fibre named in **1(a)(iv)** that would make it suitable for the shift dress in Fig. 1.1.

1

2

[2]

- (b) (i) Identify the method used to reduce fullness in the shift dress in Fig. 1.1.

..... [1]

- (ii) Identify **three** methods that could be used to neaten the plain seams in the shift dress in Fig. 1.1.

1

2

3

[3]

- (c) (i) Explain **two** factors that would influence the choice of zip for the shift dress in Fig. 1.1.

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..... [4]

- (ii) State the correct order of work to insert the neckline zip in the back of the shift dress in Fig. 1.1.

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..... [6]

Fig. 1.2 is a photograph of a flower.



Fig. 1.2

- (d) (i) Sketch and label a design based on the flower in Fig. 1.2 for a hand embroidered decoration for a dress. Your design should be labelled to indicate **two** embroidery stitches, the colours for the embroidery and the colour of the background fabric.

[4]

- (ii) Explain how to use Computer Aided Design (CAD) to develop a machine embroidery design based on the image of the flower in Fig. 1.2.

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..... [4]

- (e) Explain the meaning of the term **eco labelling**. Give examples to support your answer.

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..... [4]

- (f) (i) Explain the meaning of the term **sustainable textiles**.

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..... [2]

- (ii) Give **two** examples of sustainable textile fibres.

Example 1

Example 2 [2]

[Total: 40]

Section B

Answer **three** questions from this section.

- 2 (a) (i)** Identify the origin of silk fibre.

..... [1]

- (ii)** Explain how silk fibres are produced.

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..... [4]

- (b)** Describe crepe fabric made from silk.

Feel/handle

Appearance [2]

- (c) (i)** Identify the origin of viscose fibre.

..... [1]

(ii) Compare **three** performance characteristics of silk fibres and viscose fibres.

[6]

[6]

[6]

[Total: 20]

3 The armholes of the shift dress in Fig. 1.1 are finished with a crossway/bias strip or a commercial binding.

(a) Explain with the use of labelled diagrams how to:

(i) cut out a crossway/bias strip

[4]

(ii) join crossway/bias strips together

[4]

(b) Discuss the advantages of using a homemade crossway/bias binding instead of a commercial binding.

[6]

- 4 (a) (i) Explain, using labelled diagrams, how to do silk painting on fabric for a scarf.

[6]

- (ii) Suggest **two** different methods, other than silk painting, of applying colour to fabric for a scarf.

.....

..... [2]

[6]

- (c)** Evaluate the importance of selecting the correct type of interfacing when making a garment. Give examples to support your answer.

[6]

[Total: 20]

- 5 (a) Explain the term **bonded web** fabric.

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..... [3]

Fig. 5.1 is a drawing of cropped trousers.

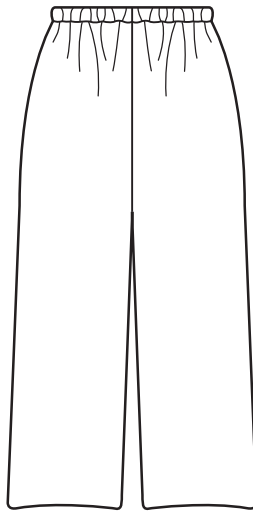


Fig. 5.1

- (b) (i) Identify the waistline finish on the cropped trousers in Fig. 5.1.

..... [1]

- (ii) State the correct order of work to make the waistline finish of the cropped trousers in Fig. 5.1.

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..... [4]

- (c) Evaluate the suitability of **two** different types of pockets to use on the cropped trousers in Fig. 5.1.

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..... [6]

- (d) Discuss the advantages of using blended polyester cotton fibres to make the fabric for the cropped trousers in Fig. 5.1.

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..... [6]

[Total: 20]

- 6 (a) (i) Sketch and label an original design for a fashionable sun hat for a teenager. Include a decoration, trimmings and an interesting style detail in your design.

[5]

- (ii) Identify **one** fabric suitable for the sun hat sketched in **6(a)(i)**.

..... [1]

- (iii) Give **two** reasons for your choice of fabric for the sun hat sketched in **6(a)(i)**.

Reason 1

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Reason 2

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[2]

- (b) Discuss the advantages and disadvantages of one-off production when making a hat for a special occasion.

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..... [6]

- (c)** Evaluate how mechanical finishes can improve the performance characteristics of fabrics for clothing. Give examples of fibres, fabrics and garments to support your answer.

[6]

[Total: 20]

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