

# Cambridge O Level

CANDIDATE  
NAME

CENTRE  
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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

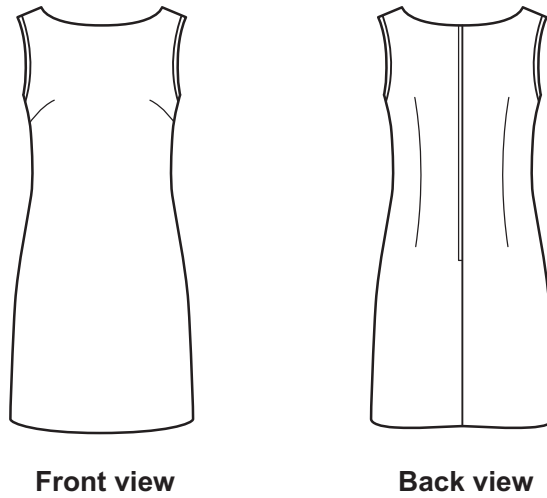
- The total mark for this paper is 100.
- The number of marks for each question or part question is shown in brackets [ ].

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]



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]







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]





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.

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..... [2]

(b) Compare **two** different types of hem that could be used to finish the edges of a silk scarf.

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..... [6]



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

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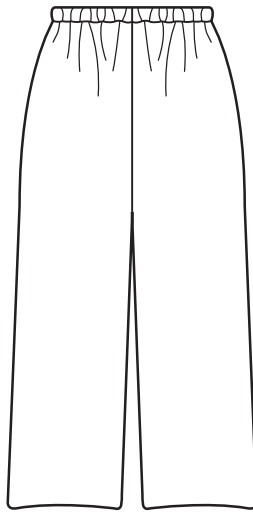
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..... [3]

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]



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 .....

.....

Reason 2 .....

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[2]



(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.

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[6]

[Total: 20]





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