



# Cambridge O Level

CANDIDATE NAME



CENTRE NUMBER

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## FASHION & TEXTILES

6130/01

Paper 1 Theory

May/June 2025

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 **20** pages. Any blank pages are indicated.



SECTION A

Answer **all** questions.

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**Fig. 1.1**

Fig. 1.1 is a drawing of the front and back views of a skirt made from gabardine fabric.

- 1 (a) (i) Give **two** reasons for using gabardine fabric to make the skirt in Fig. 1.1.

Reason 1 .....

.....

Reason 2 .....

.....

[2]

- (ii) Describe the construction method used to make gabardine fabric.

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..... [3]

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(b) Answer the questions below about vegetable fibres **and** protein fibres that can be used to make gabardine fabric.

**Vegetable Fibres:**

(i) Identify **one** vegetable fibre that can be used to make gabardine fabric.

..... [1]

(ii) State **two** performance characteristics of the vegetable fibre identified in **1(b)(i)**.

1 .....

.....

2 .....

.....

[2]

(iii) Sketch the wash care symbol for the vegetable fibre identified in **1(b)(i)**.

[1]

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**Protein Fibres:**

(iv) Identify **one** protein fibre that can be used to make gabardine fabric.

..... [1]

(v) State **two** performance characteristics of the protein fibre identified in **1(b)(iv)**.

1 .....

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2 .....

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[2]

(vi) Sketch the wash care symbol for the protein fibre identified in **1(b)(iv)**.

[1]

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(c) (i) Identify the method used to control fullness in the skirt in Fig. 1.1.

..... [1]

(ii) Identify **one** component used in the skirt in Fig. 1.1.

..... [1]

(d) (i) Explain how to make a hem on the skirt in Fig. 1.1.

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..... [3]

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

1 .....  
2 .....  
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(e) The manufacturer has received an order for 100 yellow skirts. Identify the production method that will be used to make the skirts.

..... [1]

(f)

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**Fig. 1.2**

Fig. 1.2 is a drawing of a bee.

(i) Sketch and label a design for an appliqué based on the drawing, or part of the drawing, of the bee in Fig. 1.2. Label your sketch to show **two** colours used, **one** appropriate component and **two** suitable fabrics.

[5]





(ii) The manufacturer decides to print the design sketched in 1(f)(i) onto T-shirts. State **two** reasons why the manufacturer would use print, rather than appliqué, to apply the design to T-shirts.

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..... [2]

(iii) Explain how to block print the design sketched in 1(f)(i) onto fabric.

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..... [4]

(iv) Describe **one** printing method used in industry other than block printing.

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..... [2]

(g) State **one** piece of information that may be included in the manufacturers' labels on T-shirts. Do **not** refer to care label symbols in your answer.

..... [1]

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(h) Suggest **four** ways in which the manufacturer might sell T-shirts.

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..... [4]

[Total: 40]

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SECTION B

Answer **three** questions.

2 (a) (i) Identify **one** raw material used to make viscose rayon fibre.

..... [1]

(ii) Identify **one** chemical used in the manufacture of viscose rayon fibre.

..... [1]

(iii) Describe the process used to make viscose rayon fibre.

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..... [3]

(b) (i) Identify **two** fabrics that can be made from viscose rayon fibre.

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..... [2]

(ii) Identify **one** type of rayon fibre other than viscose rayon.

..... [1]

(c) Evaluate the use of viscose rayon fabric for nightwear.

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3 (a) Explain the meaning of the following textile terms:

Spinning .....

.....

Staple fibres .....

.....

Filament fibre/yarn .....

.....

Felt .....

.....

[4]

(b) Describe the construction of weft knitting.

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[4]

(c) Discuss the suitability of weft knitting for cardigans or sweaters.

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(d) Discuss the performance characteristics that are most important when selecting fabrics for children's clothes.

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[Total: 20]





5 (a) List **four** pieces of information, other than body measurements, found on the outside of a commercial pattern packet.

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..... [4]

(b) Identify **four** body measurements that should be taken before selecting a pattern for a dress.

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..... [4]

(c) Discuss the importance of taking accurate body measurements when making garments.

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6 (a) (i) Identify **two** rules for the safe storage of dyes.

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..... [2]

(ii) Explain the importance of following safety rules when using dyes to colour fabrics.

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..... [3]

(b) Explain the meaning of **each** of the following terms:

Tjanting .....  
..... [3]

Stencil .....  
.....

Mordant .....  
..... [3]

(c) Discuss the advantages **and** disadvantages of using batik to decorate fabric.

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