



Cambridge O Level

CANDIDATE
NAME
CENTRE
NUMBER

| | | | | |
|--|--|--|--|--|
| | | | | |
|--|--|--|--|--|

CANDIDATE
NUMBER

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

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.

Content removed due to copyright restrictions.

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.

.....

.....

.....

.....

.....

..... [3]





- (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]





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

.....

2

.....

[2]

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

[1]





(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.

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

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

1
2
3 [3]





- (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)

Content removed due to copyright restrictions.

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.

.....

.....

.....

..... [2]

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

.....

.....

.....

.....

.....

.....

.....

.....

..... [4]

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

.....

.....

.....

..... [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]





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

.....

.....

.....

.....

.....

.....

.....

..... [4]

[Total: 40]



* 0000800000009 *



9

BLANK PAGE





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.

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

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

.....
..... [2]

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

..... [1]

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

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....





(d) Discuss the advantages to the environment of using viscose rayon instead of other fibres to make fabric for garments.

[Total: 20]



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.

.....

.....

.....

.....

.....

.....

.....

.....

[4]

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

.....

.....

.....

.....

.....

.....

.....

.....

.....





[Total: 20]



4 (a) Identify **two** mechanical fabric finishes. Describe **each** finish.

.....

.....

.....

.....

.....

.....

.....

..... [4]

(b) Give **two** advantages of using each of the **two** mechanical fabric finishes described in 4(a).

| Mechanical fabric finish | Advantages |
|--------------------------|------------|
| Finish one | 1 |
| | 2 |
| Finish two | 1 |
| | 2 |

[4]

(c) Evaluate the use of chemical finishes on children's clothes made from natural fibres.

.....

.....

.....

.....

.....

.....





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

[Total: 20]

- [4]

- [4]

- [6]



[6]

[Total: 20]



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

.....

..... [2]

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

.....

.....

.....

.....

.....

..... [3]

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

Tjanting

.....

Stencil

.....

Mordant

..... [3]

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

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....





(d) Evaluate the effectiveness of different methods of tie dyeing cotton fabrics. Give examples to support your answer.

[Total: 20]



Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (UCLES) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced online in the Cambridge Assessment International Education Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download at www.cambridgeinternational.org after the live examination series.

Cambridge Assessment International Education is part of Cambridge Assessment. Cambridge Assessment is the brand name of the University of Cambridge Local Examinations Syndicate (UCLES), which is a department of the University of Cambridge.

