



Cambridge O Level

CANDIDATE
NAME

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FASHION & TEXTILES

6130/01

Paper 1 Theory

May/June 2021

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. Any blank pages are indicated.

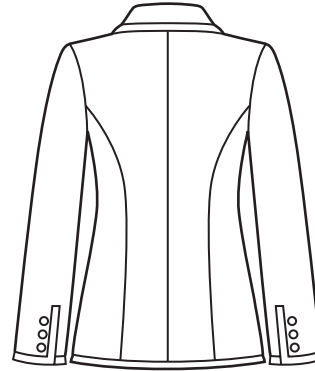
Section A

Answer **all** parts of Question 1.

- 1 Fig. 1.1 shows a drawing of the front and back view of a ladies' jacket.



Front view



Back view

Fig. 1.1

- (a) (i) Corduroy fabric is suitable for the ladies' jacket in Fig. 1.1.

Describe corduroy fabric:

Construction

.....

Appearance

.....

Feel/handle

.....

[3]

- (ii) State **two** reasons why corduroy fabric is suitable for the ladies' jacket in Fig. 1.1.

1

.....

2

.....

[2]

- (iii) State **one** type of interfacing which could be used in the construction of the collar on the ladies' jacket in Fig. 1.1.

..... [1]

- (iv) State **two** reasons why interfacing is used in parts of the ladies' jacket in Fig. 1.1.

1

.....

2

.....

[2]

- (v) Fig. 1.2 is a drawing of a pattern piece for the back of a collar. Draw the following pattern symbols on Fig. 1.2.

- cutting line
- fold line
- seam line
- single notch.

[4]

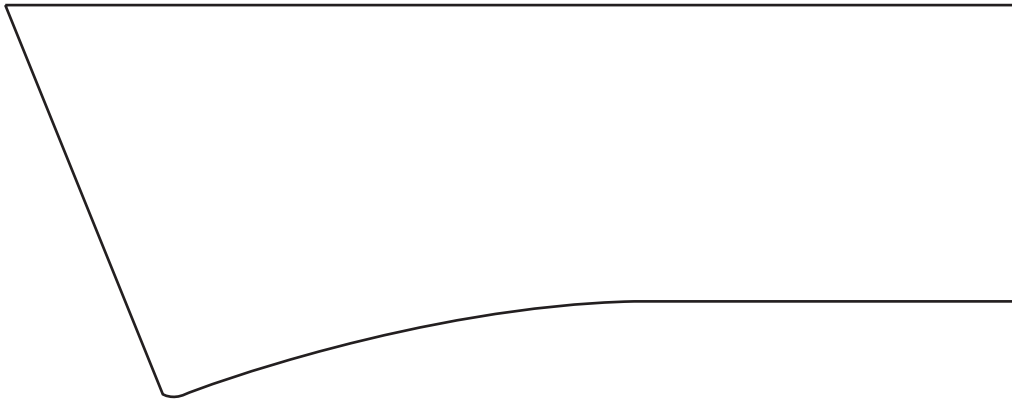


Fig. 1.2

- (b) (i) Explain how to lengthen the **paper pattern** for the sleeve of the ladies' jacket in Fig. 1.1. You may use diagrams to support your answer.

.....

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.....

[4]

- (ii) Explain what is meant by 'with nap' when using corduroy fabric.

.....

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..... [2]

- (iii) Explain why it is necessary to follow the **straight grain** lines on pattern pieces when preparing the layout of corduroy fabric.

.....

.....

.....

..... [2]

(c) (i) State the **two** types of seam visible on the back view of the ladies' jacket in Fig. 1.1.

1

2 [2]

(ii) Explain how to make sure the curved seam on the back of the ladies' jacket in Fig. 1.1 is pressed correctly.

.....

.....

.....

..... [2]

(d) Identify **two** components that can be used to achieve the finish shown on the front and hem edges of the ladies' jacket shown in Fig. 1.1.

1

.....

2

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[2]

- (e) Explain how to work a machined buttonhole for a 3 cm button. You may use notes and labelled diagrams in your answer.

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[5]

- (f) (i) Batch production would be used to make the ladies' jacket in Fig. 1.1. Explain the term 'batch production'.

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..... [2]

- (ii) Identify and briefly describe **two** types of retail outlet that could sell ladies' jackets.

1

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2

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..... [4]

- (iii) Explain **three** advantages to the manufacturer of selling ladies' jackets in **one** of the retail outlet types in (f)(ii).

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..... [3]

[Total: 40]

Section B

Answer any **three** questions from this section.

- 2 (a) (i) State the origin of acrylic fibres.

.....

.....

.....

..... [1]

- (ii) Identify **three** methods of spinning acrylic fibres.

.....

.....

..... [3]

- (b) (i) Explain how to apply a **brushed** finish to a fabric made from acrylic yarn.

.....

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..... [2]

- (ii) State **two** reasons to apply a brushed finish to acrylic fibres or fabrics.

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.....

..... [2]

(c) Discuss the advantages of using a knitted acrylic fabric instead of a knitted woollen fabric for clothing.

[6]

[6]

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- 3 (a) (i) Sketch and label an **original design** for a summer top suitable for a teenager. Include the following style features: short set-in sleeve, shaped neckline, button fastening, shaped hemline.

[5]

- (ii) Identify **one** fabric suitable for the summer top sketched in (a)(i).

..... [1]

- (iii) State **two** reasons why the fabric identified in (a)(ii) is suitable for the summer top sketched in (a)(i).

1

.....

2

.....

[2]

(b) Evaluate **three** different methods of fastening the top sketched in **(a)(i)**.

..... [6]

- (c)** The formation of gathers or tucks in the sleeve head seam of a set-in sleeve is a common problem. Discuss the reasons for this problem and suggest ways in which it can be prevented.

[6]

[Total: 20]

4 (a) Define the following textile terms:

(i) Dyeing

.....

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.....

..... [2]

(ii) Printing

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.....

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..... [2]

(b) (i) Explain how to **dye** fabric. You may use labelled diagrams to support your answer.

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[4]

(ii) Discuss the reasons why dyed fabric may **fade**.

[6]

(c) Discuss ways in which unwanted clothing can be **re-used** to reduce textile waste.

[6]

[Total: 20]

- 5 (a) Describe **one** method used to transfer pattern markings to fabric.

.....

.....

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.....

..... [3]

- (b) Identify **two** temporary methods of joining fabrics together.

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..... [2]

- (c) Define the following textile terms:

anti-static [1]

bonded web [1]

eco-labelling [1]

[6]

- (e) Discuss the advantages of using **smart** fabrics to make garments. Give examples of fabrics and garments to support your answer.

[6]

[Total: 20]

- 6 (a) Sketch and label an original design for a motif to apply to a sports top.

[3]

- (b) State the correct order of work to **appliqué** a motif onto a sports top.

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..... [5]

- [6]

(d) Discuss the **health and safety** issues a manufacturer would need to consider when manufacturing textile items.

[6]

[Total: 20]

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