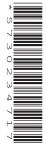


# Cambridge O Level

CANDIDATE NAME					
CENTRE NUMBER			CANDIDATE NUMBER		



## **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.

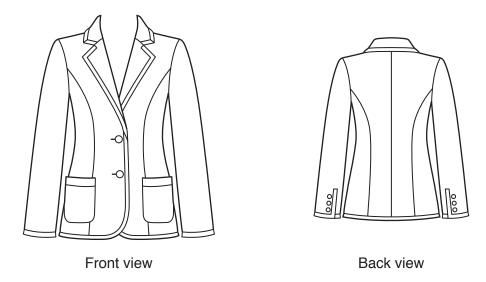


Fig. 1.1

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

**Describe** corduroy fabric:

	Construction	
	Appearance	
	Feel/handle	
		[3]
(ii)	State <b>two</b> reasons why corduroy fabric is suitable for the ladies' jacket in Fig. 1.1.	
	1	
	2	
		[2]

(iii)	State <b>one</b> type of interfacing which could be used in the construction of the collar on the ladies' jacket in Fig. 1.1.
	[1]
(iv)	State <b>two</b> 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]

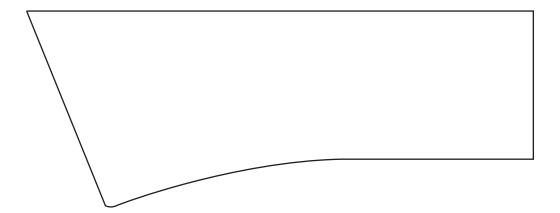


Fig. 1.2

(b) (i)	Explain how to lengthen the <b>paper pattern</b> for the sleeve of the ladies' jacket in Fig. 1.1. You may use diagrams to support your answer.
	[4]
(ii)	Explain what is meant by 'with nap' when using corduroy fabric.
	[2]
(iii)	
(111)	preparing the layout of corduroy fabric.

(c)	(i)	State the <b>two</b> types of seam visible on the back view of the ladies' jacket in Fig. 1.1.
		1
		2[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)		ntify <b>two</b> components that can be used to achieve the finish shown on the front and hem es of the ladies' jacket shown in Fig. 1.1.
	1	
	2	
		roi
		[2]

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

(f)	(i)	Batch production would be used to make the ladies' jacket in Fig. 1.1. Explain the term 'batch production'.
		[2]
	(ii)	Identify and briefly describe <b>two</b> types of retail outlet that could sell ladies' jackets.
		1
		2
		[4]
	(iii)	Explain <b>three</b> advantages to the manufacturer of selling ladies' jackets in <b>one</b> of the retail outlet types in <b>(f)(ii)</b> .
		[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 <b>brushed</b> finish to a fabric made from acrylic yarn.	
		(ii)	State <b>two</b> reasons to apply a brushed finish to acrylic fibres or fabrics.	[2]
		(,	Clair and readens to appriy a gradined imment to deligine increes or labilities.	

(c)	Discuss the advantages of using a knitted acrylic fabric instead of a knitted woollen fabric for clothing.
	[6]

(d)	Discuss the points to consider when selecting <b>fabrics</b> for childrenswear.
	[6]
	[Total: 20]

3	(a)	(i)	Sketch and label an <b>original design</b> 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 <b>one</b> fabric suitable for the summer top sketched in <b>(a)(i)</b> .
		(iii)	State <b>two</b> reasons why the fabric identified in <b>(a)(ii)</b> is suitable for the summer top sketched in <b>(a)(i)</b> .
			1
			2
			[2]

(b)	Evaluate <b>three</b> different methods of fastening the top sketched in <b>(a)(i)</b> .
	[61
	[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]

(a)	Def	ne the following textile terms:
	(i)	Dyeing
		[2]
	(ii)	Printing
		roz

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

(ii)	Discuss the reasons why dyed fabric may <b>fade</b> .
	16.

(c)	Discuss ways in which unwanted clothing can be <b>re-used</b> to reduce textile waste.				
	[6]				
	[Total: 20]				

5	(a)	Describe <b>one</b> method used to transfer pattern markings to fabric.
		[3]
	(b)	Identify <b>two</b> temporary methods of joining fabrics together.
		[2]
	(c)	Define the following textile terms:
		anti-static[1]
		bonded web[1]
		eco-labelling[1]

(d)	Compare <b>two</b> methods of controlling fullness in a garment.				
	[6]				

(e)	Discuss the advantages of using <b>smart</b> fabrics to make garments. Give examples of fabrics and garments to support your answer.					
	[6]					
	[Total: 20]					

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

6

o)	State the correct order of work to <b>appliqué</b> a motif onto a sports top.	
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<b>)</b>	State the correct order of work to appliqué a motif onto a sports top.	
<b>)</b> )		
<b>)</b>		
<b>)</b> )		
o)		

(c)	Evaluate the range of decorative <b>premanufactured components</b> available to use in the production of garments.
	TC:

(d)	Discuss the <b>health and safety</b> issues a manufacturer would need to consider when manufacturing textile items.
	[6]
	[Total: 20]

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