

UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS General Certificate of Education Advanced Subsidiary Level and Advanced Level

DESIGN AND TEXTILES

9631/01

Paper 1 Fibres, Fabrics and Design

October/November 2013

2 hours

Additional Materials:

Answer Booklet/Paper

READ THESE INSTRUCTIONS FIRST

If you have been given an Answer Booklet, follow the instructions on the front cover of the Booklet.

Write your Centre number, candidate number and name on all the work you hand in.

Write in dark blue or black pen.

You may use a pencil for any diagrams or rough working.

Do not use staples, paper clips, highlighters, glue or correction fluid.

DO NOT WRITE IN ANY BARCODES.

Answer **three** questions in total.

Section A

Answer both questions.

Section B

Answer **one** question.

Illustrate your answers with clear, well-spaced diagrams.

You may, if you wish, use the silhouette on page 4 to produce outlines for your sketches. Place the silhouette under a single sheet of script paper and trace the outline in pencil.

At the end of the examination, fasten all your work securely together.

The number of marks is given in brackets [] at the end of each question or part question.

This document consists of 4 printed pages.



[Turn over

Section A

Answer **both** questions.

1	Silk	and	viscose are often used for fashion items.			
	(a)	Sta	te the sources of:			
		(i)	silk			
		(ii)	viscose.	[2]		
	plain the results you would expect to find when carrying out the following tests on silk:					
		(i)	flammability test			
		(ii)	microscopic test.	[6]		
	(c)	Dis	cuss the reasons why viscose is used as a substitute for silk for fashion items.	[8]		
	(d) Assess the performance characteristics of viscose fabrics constructed with three differ weaves.					
			[Total: 2	25]		
2	There is a wide variety of woven fabrics available for fashion items.					
	(a)	Nar	me two plain weave fabrics which are often made from cotton fibres.	[2]		
	(b)		cuss how the performance characteristics of one fabric from (a) can affect the choice e of a fashion item.	of [5]		
(c) Using sectional diagrams, show how the following weaves are constructed:						
		(i)	satin weave			
		(ii)	dobby weave			
		(iii)	jacquard weave.	[9]		
	(d)		sess the factors which need to be considered when deciding whether to choose woverics or knitted fabrics for outdoor clothing.	/en [9]		
			[Total: 2	25]		

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Section B

Answer one question.

Good design is important for the visual appeal of textile items.

(6	a)	Exp	lain what is meant by good functional design.	[2]			
(1			Produce a labelled sketch of a design for a textile hanging which incorporates the us fabrics with interesting textures.	se of [4]			
		(ii)	Explain how the design will be interpreted using textile processes.	[4]			
(c)) Justify your choice of fabrics, texture and textile processes.					
(d)	Assess how the study of historical and cultural heritage can help to develop design ide for textiles items. Refer to specific examples in your answer.					
			[Total:	25]			
OR							
4 T	Γhe	ere are several ways of manufacturing clothing items.					
(a)	Outline the following methods of clothing production:					
		(i)	batch production				
		(ii)	mass production.	[4]			

(b) Suggest the most appropriate production method for making white t-shirts, giving reasons for

(c) Discuss the factors which the clothing manufacturer would consider when choosing the most

(d) Assess the variety of pressing and finishing methods available to the clothing manufacturer.

appropriate methods of seams (joins) for different items of clothing.

[Total: 25]

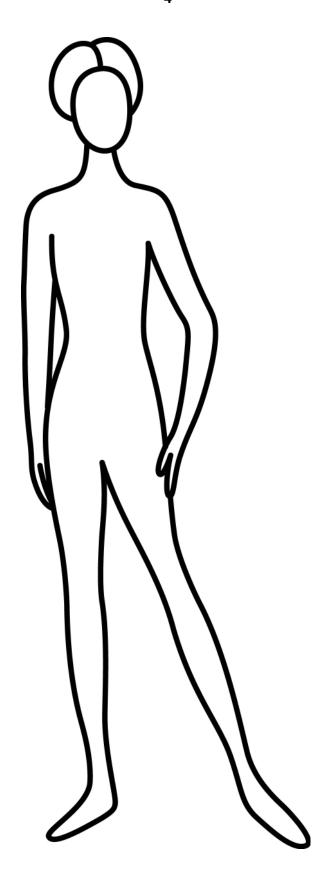
[4]

[8]

[9]

your choice.

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