

Cambridge International Examinations

Cambridge International Advanced Subsidiary and Advanced Level

DESIGN AND TEXTILES

9631/01

Paper 1 Fibres, Fabrics and Design

October/November 2018

2 hours

No Additional Materials are required.

READ THESE INSTRUCTIONS FIRST

An answer booklet is provided inside this question paper. You should follow the instructions on the front cover of the answer booklet. If you need additional answer paper ask the invigilator for a continuation booklet.

Answer three questions in total.

Section A

Answer both questions.

Section B

Answer **one** question.

Illustrate your answers with clear, well-spaced and labelled diagrams.

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

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



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Section A

Answer **both** questions.

1	(a)	Give a definition of the following:				
		(i)	weft knitting	[2		
		(ii)	warp knitting	[2		
	(b)	Exp	plain briefly the production methods used for weft knitting.	[4]		
	(c)	Cor	mpare the performance characteristics of warp and weft knitted fabrics in terms of:			
		•	stretch characteristics yarn suitability.	[8]		
	(d)	Discuss why warp knitted fabrics rather than woven fabrics might be used for uniforms and workwear. Include specific examples of warp knitted fabrics in your answer. [9]				
			[Total: 25 mar	ks]		
2	Many factors influence the selection of fabrics for clothing.					
	(a)	(i)	Identify three regenerated cellulose fibres.	[3]		
		(ii)	Describe the source of each of the fibres identified in (a)(i).	[3]		
		(iii)	Identify one fabric made from each of the fibres identified in (a)(i).	[3]		
	(b)		mpare four performance characteristics of polyester fibres with the characteristics enerated cellulose fibres.	o 6 [8]		
	(c)	Dis	cuss the possible end uses of woven polyester fabrics.	[8]		

[Total: 25 marks]

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Section B

Answer one question.

Fashion styles for clothing are always changing.

3

	(a)	Explain three influences which can lead to changes in fashion styles.	[6]
	(b)	Explain what is meant by the term 'fashion revival'. Give specific examples in your answ	er. [4]
	(c)	Explain how the shape of ladies' skirts has evolved, giving examples from the designers y have studied. You may include sketches in your answer.	ou [6]
	(d)	Discuss how the style of ladies' skirts has been influenced by new developments of fibres a fabrics over the years.	nd [9]
		[Total: 25 mark	(s]
4	The	ere are many processes involved in clothing manufacture. Explain what is meant by the following processes used in large scale clothing manufacture) :
		(i) spreading	[2]
		(ii) cutting	[2]
	(b)	Explain two methods that manufacturers use to mark fabric ready for sewing.	[4]
	(c)	Compare the two methods below as ways in which designs/patterns are transferred to fabric	cs:
		traditional hand methodsusing computer aided design	[8]

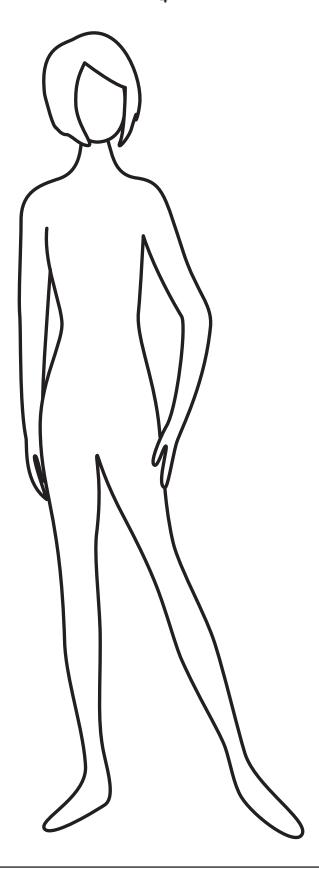
(d) Discuss the stages involved in garment pattern-making in industry with reference to

[Total: 25 marks]

[9]

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production/manufacturing methods.



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