

Please write clearly in block capitals.

Centre number

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Candidate number

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Surname

Forename(s)

Candidate signature

I declare this is my own work.

A-level

DESIGN AND TECHNOLOGY: FASHION AND TEXTILES

Paper 2 Designing and Making Principles

Friday 12 June 2020

Morning

Time allowed: 1 hour 30 minutes

Materials

For this paper you must have:

- normal writing and drawing instruments
- a scientific calculator.

Instructions

- Use black ink or black ball-point pen. Use pencil only for drawing.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 80.
- There are 30 marks for **Section A** and 50 marks for **Section B**.

For Examiner's Use	
Question	Mark
1	
2	
3	
4	
5	
6	
7–9	
10	
11	
12	
TOTAL	



Section A – Product AnalysisAnswer **all** questions in this section.

0 1

Figure 1
Denim shirt**Figure 2**
Denim waistcoat

0 2 . 2

Figure 4
Chanel suit from the 1960s



Figure 5
Chanel suit from 2008



0 2 . 3

The type of fabric used in Chanel clothing immediately after 1918 was previously known for its use in men's underwear.

Name and describe the fabric.

[3 marks]

15



Section B – Design and Commercial Manufacture

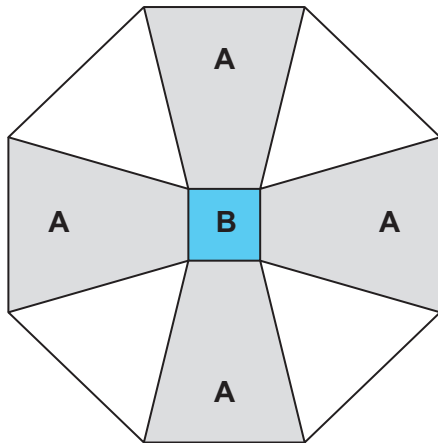
Answer **all** questions in this section.

0 3

Look at the appliqué design in **Figure 6**. The **four** pieces labelled **A** are identical in shape.

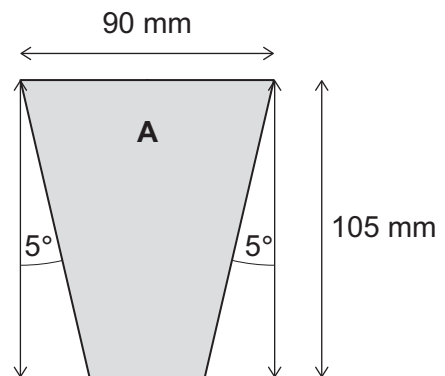
Figure 6

Appliqué design



Close-up piece of appliqué design

Not drawn to scale



Calculate the area of the blue square appliqué piece **B**.

Give your answer in mm².

[4 marks]

Answer _____

4

Turn over ►



0	4
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Explain how toiles and prototypes are used to trial and develop new fashion and textile products.

[6 marks]

6



0 5

Explain how designers and manufacturers respond to consumer demand for ethical and sustainable fashion and textile products.

[9 marks]

9**Turn over ►**

0	6
----------	----------

Analyse and evaluate why new generation lyocells are better for the environment than cotton.

[6 marks]

6



0 7

Explain the benefits of collaborative working when designing fashion and textile products for young children.

[4 marks]

0 8

Explain what is meant by critical path analysis (CPA).

[2 marks]

0 9

State the purpose of the European Eco label.

[1 mark]

7

Turn over for the next question

Turn over ►



1 0

Explain how Art Nouveau influenced fashion design between 1890 and 1910.

[9 marks]

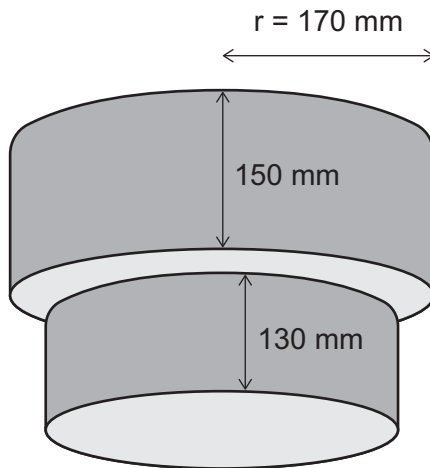
9



1 1

A manufacturer is developing the pattern template for a new fabric covered lightshade.

Figure 7
Fabric covered lightshade
Not drawn to scale



The lightshade is made up of two circular sections.

The scaling ratio of the diameters of each section of the lightshade is the same as the height.

Calculate the total area of fabric needed to cover the sides of the lightshade.

Give your answer in mm^2 .

[6 marks]

Answer _____

6

Turn over ►



1	2
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Describe the stages in the fashion cycle of a fad product.

[3 marks]

3

END OF QUESTIONS



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2 0



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