



General Certificate of Education
Advanced Level Examination
June 2015

Design and Technology: Product Design (Textiles)

TEXT3

Unit 3 Design and Manufacture

Monday 8 June 2015 9.00 am to 11.00 am

For this paper you must have:

- an AQA 12-page unlined answer book, which is provided separately
- normal writing and drawing instruments.

Time allowed

- 2 hours

Instructions

- Use black ink or black ball-point pen. Use pencil and coloured pencils only for drawing.
- Write the information required on the front of your answer book. The **Paper Reference** is TEXT3.
- Answer **three** questions.
- Answer **one** question from **each** of Sections 1 and 2, and **one other** question from either section.
- If you choose to answer a question which has several parts, you should answer **all** parts of the question.
- Do all rough work in your answer book. Cross through any work that you do not want to be marked.

Information

- The marks for the questions are shown in brackets.
- The maximum mark for this paper is 84.
- There are 28 marks for each question.
- You will be marked on your ability to:
 - use good English
 - organise information clearly
 - use specialist vocabulary where appropriate.

Advice

- Illustrate your answers with sketches and/or diagrams wherever you feel it is appropriate.

Answer **three** questions.

Answer **one** question from **each** of Sections 1 and 2 and **one** other question from **either** section.

For each question that you answer, you should answer all parts of that question.

Section 1

Question 1

0 1 Some fashions may become Iconic whilst others are known as Fad designs.

Explain what is meant by a Fad design. Give an example.

[4 marks]

0 2 Analyse what makes a design become Iconic.

[4 marks]

0 3 Describe **two** different Iconic fashion designs from different eras of the 20th century.

For each design:

- give an approximate date when the fashion was first introduced
- describe the fashion product
- explain the origins of the design.

[2 × 10 marks]

Question 2

0 4 Many people are required to wear a uniform at work.

Discuss the benefits and drawbacks of wearing a uniform at work.

[6 marks]

0 5 Explain the qualities that would be required in the uniform for **two** of the following workers:

- sales assistant in a garden centre
- food server in a fast food outlet
- flight attendant for an airline.

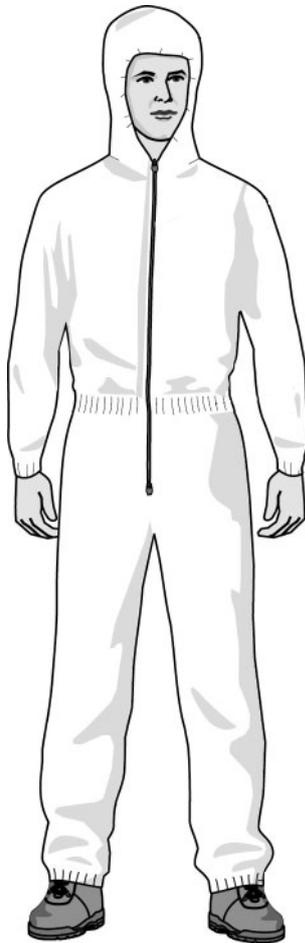
In your answer you should make reference to suitable styles and specific fabrics.

[2 × 7 marks]

0	6
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Evaluate the use of disposable overalls made from a non-woven polypropylene fabric, as shown below, for a crime scene investigator.

[8 marks]



Question 3

0	7
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Discuss the issues that a designer of children's clothing will need to consider in relation to the consumer.

[8 marks]

0	8
---	---

Analyse the role and responsibilities of a buyer of fashion products for a large chain store brand.

[8 marks]

0	9
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Outline the responsibilities of an employer to the workers in a UK based clothing factory.

[12 marks]

Turn over for Section 2

Turn over ►

Section 2

Question 4

1	0
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 Modern fabrics are often made from fibre blends.

Describe **two** methods of blending fibres to make a yarn.

[2 × 4 marks]

1	1
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 Explain why fibres are blended. Give a wide range of examples to support the points you make.

Make reference to the reasons why consumers might prefer a fabric made from blended fibres instead of one made from a single fibre.

[12 marks]

1	2
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 Different fabrics are sometimes layered together when making textile products. Explain what is meant by each of the following:

- underlining
- interfacing

Give a specific use for each fabric.

[2 × 4 marks]

Question 5

1	3
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 New technologies have had a major impact on different areas of the textile industry in the last 50 years.

Choose **four** areas of the textile industry from the list below:

- development of environmentally friendly fibres
- applying colour and pattern to fabric
- developing pattern templates and lay plans
- Quick Response Manufacture (QRM)
- automated construction methods
- marketing and retailing of fashion products to consumers.

For each of the areas you have selected, describe the developments which have taken place. Wherever appropriate, give examples to support the points you make.

[4 × 7 marks]

Question 6

1	4
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Many fabrics can cause problems when being manufactured into products. Choose **two** of the fabrics from the list below:

- jacquard knit
- velvet
- checked tartan
- lace
- single jersey with elastane fibre content
- polyester satin
- silk chiffon.

Describe **each** of the fabrics you have selected and use notes and diagrams to explain how **each** would be made.

[2 × 6 marks]

1	5
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What factors will need to be considered when making garments from **each** of the **two** fabrics you have selected in

1	4
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 ?

Make reference to the problems associated with:

- the garment style
- cutting the fabric
- sewing the garment
- pressing the garment.

Explain how the problems might be overcome.

[2 × 8 marks]

END OF QUESTIONS

There are no questions printed on this page

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