



General Certificate of Education
Advanced Level Examination
June 2014

Design and Technology: Product Design (Textiles)

TEXT3

Unit 3 Design and Manufacture

Tuesday 3 June 2014 9.00 am to 11.00 am

For this paper you must have:

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

A **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 this 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.
- 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
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 Fashion designers have often shocked people with their new designs.

Select **two** different designers from the 20th or 21st century whose designs were considered to be shocking at the time.

For each designer:

- describe the garments associated with the designer
- explain the reasons why these designs shocked people at the time
- analyse how the designs influenced future fashions.

[2 × 14 marks]

Question 2

0	2
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 Live Again is a small company that re-works clothes to make new garments.

Discuss the benefits and drawbacks of re-working clothes.

[8 marks]

0	3
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 Look at the selection of garments shown on the insert sheet.

Use notes and sketches to show your idea for **one** new garment that can be made from them.

You do not need to use every garment. You may use **one** new component.

[12 marks]

0	4
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 Describe the ways that modern manufacturing technology and modern methods of working can help textile manufacturers to be more environmentally friendly.

[8 marks]

Question 3

0	5
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For many people shopping is a major leisure activity. Selling in the right retail environment is important to make sure that a new product will attract buyers.

Critically evaluate **four** of the following types of retail outlet in terms of the experience they provide for shoppers wanting to buy fashion products:

- department stores
- factory outlets
- internet sites
- market stalls
- chain stores
- boutiques.

[4 × 5 marks]

0	6
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Explain how developing a brand name can benefit a fashion designer or a fashion company.

Give examples in your answer.

[8 marks]

Turn over for the next question

Turn over ▶

Section 2

Question 4

0 7 Synthetic fibres such as standard polyester and polyamide are produced as smooth filaments.

Briefly describe **two** ways these smooth filaments can be made into textured yarns.

[2 × 4 marks]

0 8 Explain the benefits that texturing has on the yarns and the fabrics made from them.

[6 marks]

0 9 Describe **two** fancy yarns and the effect that each fancy yarn has on fabrics made from them.

[2 × 4 marks]

1 0 Yarns which contain elastane fibres are usually corespun.

Explain why these yarns need to be corespun.

Describe **one** method of corespinning elastane with viscose/polyamide.

[6 marks]

Question 5

1 1 Garments need to be shaped so that they fit the human figure.

Name **three** different ways that fabric can be given shape so that it fits a human figure.

[3 marks]

1 2 Sketch a design for an original fashion dress that:

- uses **two different** ways of shaping
- has at least **one** fastening.

Clearly annotate your drawings to include:

- the front and back views of your design
- the **two** shaping methods used
- the fabric and components used.

[8 marks]

1 | 3

Using the basic blocks given on the insert sheet develop a pattern for the dress you designed in part **1 | 2** .

Label the pattern pieces and show the pattern markings you would use.

[9 marks]**1 | 4**

Explain why the fabric you named in part **1 | 2** would be suitable for the style of dress you have designed.

[4 marks]**1 | 5**

Using step-by-step instructions, explain how you would produce **one** of the shaping methods used on the dress you designed in part **1 | 2** .

You may use diagrams.

[4 marks]**Question 6****1 | 6**

Fabric finishes are important for making sure that fabrics are fit for their intended purpose.

Analyse the need for the fabric finishes used on a variety of textile products.

Include a wide range of relevant examples of fabrics and typical finishes to illustrate the points you make.

[14 marks]**1 | 7**

Laminated and coated fabrics are popular for outdoor textile products.

Explain the difference between a laminated fabric and a coated fabric. Give an example of each.

[6 marks]**1 | 8**

Describe how a typical laminated fabric can be breathable but can keep a person dry in wet weather.

[8 marks]**END OF QUESTIONS**

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