

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS**  
**General Certificate of Secondary Education**

**D&T: TEXTILES TECHNOLOGY**  
**D&T: TEXTILES TECHNOLOGY**  
 (SHORT COURSE)



**1958/2**  
**1058/2**

**PAPER 2 (HIGHER TIER)**

Thursday **25 MAY 2006** Morning 1 hour 15 minutes

Candidates answer on the question paper.  
 No additional materials are required.

Candidate  
 Name

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Centre  
 Number

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Candidate  
 Number

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**TIME** 1 hour 15 minutes

**INSTRUCTIONS TO CANDIDATES**

- Write your name in the space above.
- Write your Centre number and Candidate number in the boxes above.
- Answer **all** questions.
- Write your answers in the spaces provided on the question paper.
- Do not write in the bar code. Do not write in the grey area between the pages.
- **DO NOT WRITE IN THE AREA OUTSIDE THE BOX BORDERING EACH PAGE. ANY WRITING IN THIS AREA WILL NOT BE MARKED.**

**INFORMATION FOR CANDIDATES**

- The number of marks is given in brackets [ ] at the end of each question or part question.
- The marks allocated and the spaces provided for your answers are a good indication of the length of answers required.
- The total number of marks for this paper is **50**.

FOR EXAMINER'S USE	
<b>Q1</b>	
<b>Q2</b>	
<b>Q3</b>	
<b>Q4</b>	
<b>Q5</b>	
<b>TOTAL</b>	

**This question paper consists of 11 printed pages and 1 blank page.**

- 1 Fig. 1 shows a job production system.  
 Fig. 2 shows a batch production system.

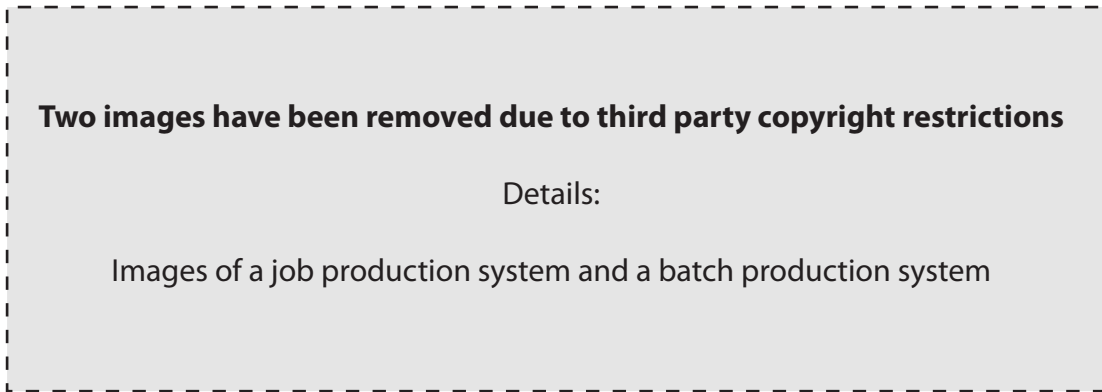


Fig. 1

Fig. 2

- (a) Complete the chart below to highlight the differences in methods used for each stage of manufacture in job and batch production.

Stage	Job Production	Batch Production
Making the pattern	Pattern made to individual customer's measurements	Pattern made to standard sizes, often by computer
Preparing the fabric for cutting	_____	_____
Cutting the fabric	_____	_____
Marking the fabric	_____	_____

(b) The job production system is an expensive method of manufacturing textile products. Give **two** reasons why a manufacturer would use this system.

Reason 1 \_\_\_\_\_ [1]

Reason 2 \_\_\_\_\_ [1]

(c) Some British textile companies choose to manufacture their products overseas. Describe **two** consequences of this decision.

1 \_\_\_\_\_ [1]  
\_\_\_\_\_

2 \_\_\_\_\_ [1]  
\_\_\_\_\_

[Total: 10]

2 Fig. 3 shows a case for a laptop computer.

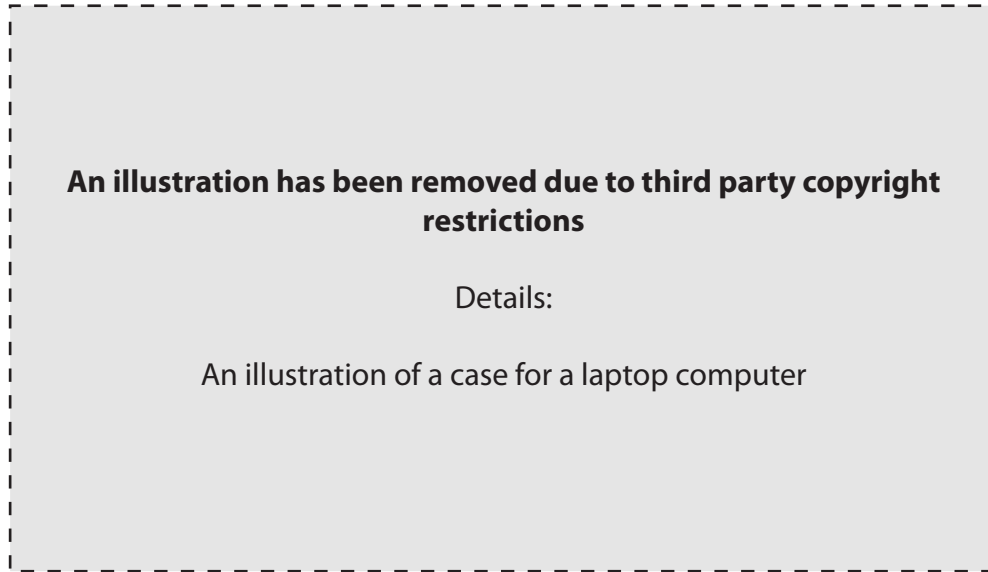


Fig. 3

(a) Give two reasons why a woven polyamide (nylon) fabric is a good choice for the case.

Reason 1 \_\_\_\_\_  
\_\_\_\_\_ [1]

Reason 2 \_\_\_\_\_  
\_\_\_\_\_ [1]

(b) Some areas of the case will need to be reinforced to strengthen them.

(i) Identify one area on the case.  
\_\_\_\_\_ [1]

(ii) Describe one way to reinforce this area.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ [1]

- (c) Suggest **three** modifications that could be made to the case to improve the design.  
Give **one** reason for each modification.

Modification 1 \_\_\_\_\_  
\_\_\_\_\_ [1]

Reason \_\_\_\_\_  
\_\_\_\_\_ [1]

Modification 2 \_\_\_\_\_  
\_\_\_\_\_ [1]

Reason \_\_\_\_\_  
\_\_\_\_\_ [1]

Modification 3 \_\_\_\_\_  
\_\_\_\_\_ [1]

Reason \_\_\_\_\_  
\_\_\_\_\_ [1]

[Total: 10]

3 Fig. 4 shows a new multi- media store.



Fig. 4

Stores often give away textile products as promotional gifts.

(a) Explain two factors that should be considered when designing a promotional textile product.

1 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ [2]

2 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ [2]

- (b) In the space below, design a promotional textile product to be given away by the new multi-media store.  
Show **two** views of the product. Annotate your design to show all important design features and construction details.

[6]

[Total: 10]

**[Turn over**

4 Fig. 5 shows a child's fancy dress costume.



Fig. 5

- (a) The neck edge is finished using a facing.  
Explain using notes and diagrams how to make and attach a neck facing.





- 5 Textile manufacturers carry out testing and trialling to determine the most suitable materials and production processes before they begin mass production. Fig. 6 shows one of the machines used to test fabrics.



Fig. 6

- (a) Explain the implications for the manufacturer of neglecting this part of the product development process.

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[5]

(b) Describe the steps that could be taken to reduce the impact of fibre production on the environment.

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[5]

[Total: 10]

12  
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