

**GENERAL CERTIFICATE OF SECONDARY EDUCATION**  
**DESIGN AND TECHNOLOGY**  
**Textiles Technology**  
 Paper 3 (Foundation Tier)

**1958/03**

Candidates answer on the Question Paper

**OCR Supplied Materials:**

None

**Other Materials Required:**

None

**Tuesday 22 June 2010**  
**Morning**

**Duration: 1 hour**



Candidate Forename		Candidate Surname	
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Centre Number						Candidate Number				
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**INSTRUCTIONS TO CANDIDATES**

- Write your name clearly in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure that you know what you have to do before starting your answer.
- Answer **all** the questions.
- Do **not** write in the bar codes.
- Write your answer to each question in the space provided. Additional paper may be used if necessary but you must clearly show your Candidate Number, Centre Number and question number(s).

**INFORMATION FOR CANDIDATES**

- The number of marks is given in brackets [ ] at the end of each question or part question.
- The total number of marks for this paper is **50**.
- The marks allocated and the spaces provided for your answers are a good indication of the length of answers required.
- Question 5, product analysis, is based on the theme '**Sportswear**'.
- This document consists of **12** pages. Any blank pages are indicated.

- 1 (a) Complete the table below by naming the **six** symbols that can be found on textile products.

Symbol	Name
	_____
	_____
	_____
	_____
	_____
	_____

[6]

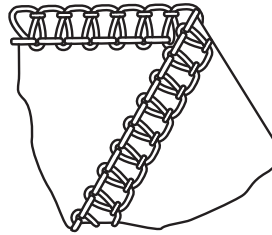
- (b) Care and safety instructions are found on textile labels.  
State **three other** pieces of information which could be found on a textile label.

1 ..... [1]

2 ..... [1]

3 ..... [1]

- (c) Fig. 1 shows a stitch used to sew the label onto a textile product.



**Fig. 1**

Name the stitch shown in Fig. 1.

..... [1]

**[Total: 10]**

2 Fig. 2 shows a fabric sarong decorated using batik.



Fig. 2

(a) Give **two** reasons why the fabric should be washed before it is dyed.

Reason 1 ..... [1]

Reason 2 ..... [1]

(b) Give **one** reason why wax is applied to the fabric.

..... [1]

(c) Complete the table below using notes and sketches to show how to produce batik.

Stage	Process
Apply wax to fabric	
Dyeing the fabric	
Creating an interesting effect	
Removing the wax	

(d) List **three** pieces of protective clothing which should be worn when working with dyes. [4]

1 ..... [1]

2 ..... [1]

3 ..... [1]

[Total: 10]

Turn over

- 3 (a)** An Interior design company wishes to update its range of cushion cover designs.

In the space below use annotated sketches to show a design for the cushion cover that:

- is made from recycled materials;
- uses traditional methods of embellishment;
- illustrates flower/ plant theme.

(b) Give **two** examples of how recycled materials have been used in your design.

1 .....  
..... [1]

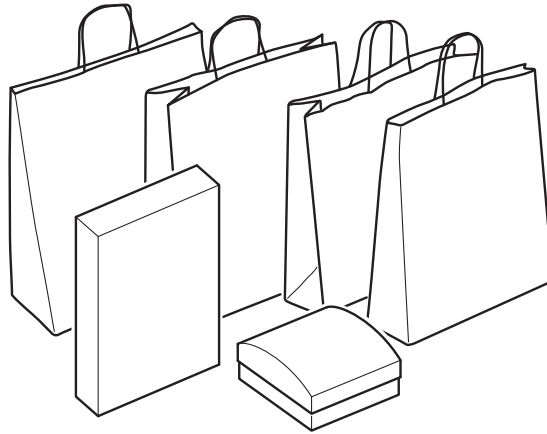
2 .....  
..... [1]

(c) Give **two** reasons why it is important to consider environmental issues when designing and making textile products.

Reason 1 .....  
..... [1]

Reason 2 .....  
..... [1]

[Total: 10]



- (a) Textile products are packaged in a variety of ways.  
Identify **two** ways of reducing the impact of packaging on the environment.

1 .....  
.....  
..... [1]

2 .....  
.....  
..... [1]

- (b) Many British textile companies choose to manufacture their products overseas.  
Describe **two disadvantages** of this decision.

Disadvantage 1 .....  
.....  
.....  
..... [2]

Disadvantage 2 .....  
.....  
.....  
..... [2]



- (c) The continual flow production system is a popular method of textiles manufacture. Describe **two** advantages of the continual flow system of manufacture.

Advantage 1 .....

.....

.....

.....

..... [2]

Advantage 2 .....

.....

.....

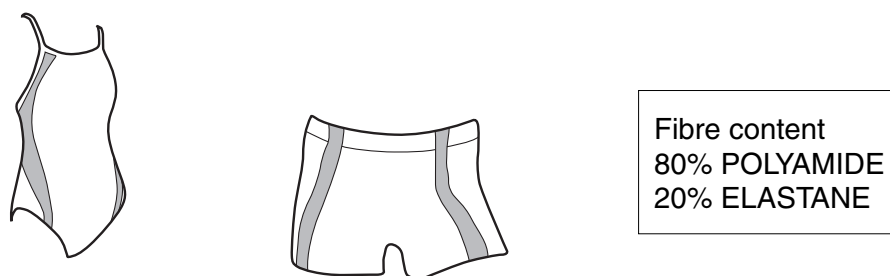
.....

..... [2]

[Total: 10]

## 5 Product Analysis

- (a) Fig. 3 shows swimwear.  
The swimwear contains elastane fibres.



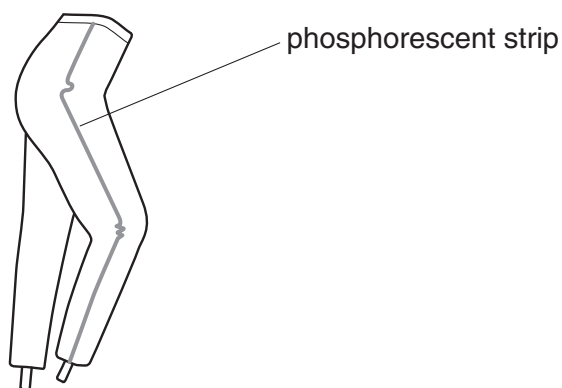
**Fig. 3**

Give **two** reasons why elastane fibres have been included in the swimwear fabric.

Reason 1 .....  
..... [1]

Reason 2 .....  
..... [1]

- (b) Fig. 4 shows a pair of running trousers.



**Fig. 4**

State **two** advantages of the phosphorescent strip down the leg.

Advantage 1 .....  
..... [1]

Advantage 2 .....  
..... [1]

- (c) Fig. 5 shows a tracksuit top made from ripstop nylon.



**Fig. 5**

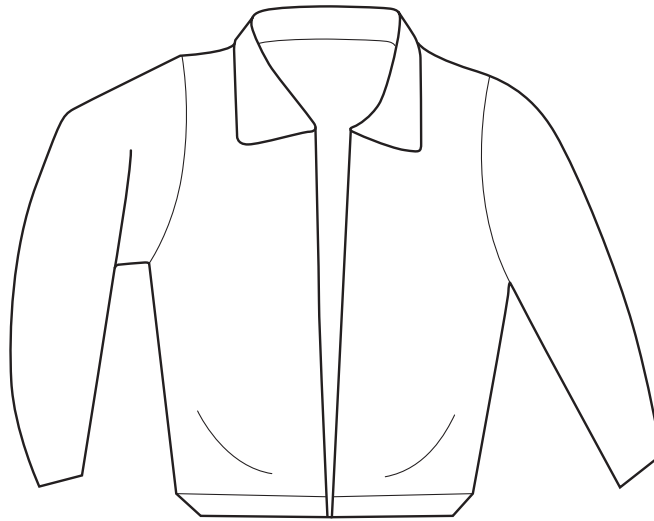
Explain why this is a suitable fabric to use for the tracksuit top.

.....

.....

..... [2]

- (d) The top is to be modified for winter sports.  
Using notes and sketches show how the top could be modified.



[4]

[Total: 10]

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