

Surname					Other Names				
Centre Number					Candidate Number				
Candidate Signature									

General Certificate of Secondary Education
June 2004

HOME ECONOMICS (TEXTILES)
Higher Tier
Written Paper

3563/H



Wednesday 23 June 2004 1.30 pm to 3.30 pm

H

No additional materials are required.
You may use a calculator.

Time allowed: 2 hours

Instructions

- Use a blue or black ink (or ball-point) pen. Pencil should only be used for drawing.
- Fill in the boxes at the top of this page.
- Answer **all** of the questions.
- Write your answers in this combined question paper/answer book.
- Continue your answers on additional sheets if necessary.
- Fasten any additional sheets you use to this paper before handing it to the Invigilator at the end of the examination.

Information

- The maximum mark for this paper is 115.
- Mark allocations are shown in brackets.
- You will be awarded marks for accurate spelling, punctuation and grammar.

For Examiner's Use			
Number	Mark	Number	Mark
1			
2			
3			
4			
Total (Column 1)			
Total (Column 2)			
TOTAL			
Examiner's Initials			

Question 1 is about making a top for a child.

- 1 You have been asked to make a polyester fleece top for a child (2-5 years old).
It must have:

- a decorative appliqué based on a toy on the **back**;
 - long sleeves;
 - a hood;
 - a fastening at the front.
- (a) Use sketches, labelling and notes to show a design for the top. You have this page and the next to present the design.

(12 marks)

QUESTION 1 CONTINUES ON THE NEXT PAGE

Turn over ►

(b) (i) What is appliqué?

Appliqué is

.....

(2 marks)

(ii) Use notes and diagrams to explain the steps in making the appliqué you have designed.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(5 marks)

(c) (i) Give **two** checks to be made on the sewing machine stitch before starting to sew the top.

1

2

(2 marks)

(ii) Why might a ballpoint machine needle be useful when sewing the polyester fleece fabric?

.....

(1 mark)

- (d) (i) Hoods can be dangerous for young children. Explain the safety issue which must be taken into account when designing the hood.

.....
.....
(2 marks)

- (ii) Explain **two** points to be considered when making and attaching the hood to the top to ensure a high quality finish.

1

.....

2

.....
(4 marks)

- (e) The top will need a hem.

- (i) Explain **two** points to be considered when choosing a method for making the hem.

1

.....

2

.....
(4 marks)

- (ii) Use notes and diagrams to show the steps in making a hem for the top.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....
(5 marks)

QUESTION 1 CONTINUES ON NEXT PAGE

Turn over ►

(f) (i) Discuss the **advantages** of making the top at home instead of buying it ready-made.

.....

.....

.....

.....

.....

.....

(5 marks)

(ii) Discuss the **disadvantages** of making the top at home.

.....

.....

.....

.....

.....

.....

(5 marks)

Question 2 is about fabrics and components for the top.

- 2 (a) The top is being made from a polyester fleece fabric.
Explain why this fabric is suitable.

.....

.....

.....

.....

.....

.....

(6 marks)

- (b) The care label below is attached to the fabric.




Explain the meaning of each of the symbols.

- (i) 

(2 marks)

- (ii) 

(1 mark)

- (iii) 

(2 marks)

- (iv) 

(1 mark)

QUESTION 2 CONTINUES ON THE NEXT PAGE

Turn over ▶

- (c) Zips and poppers are often used to fasten tops.
Evaluate the use of these two fastenings on fleece tops for children.

.....

.....

.....

.....

.....

.....

.....

.....

.....

(6 marks)

- (d) What type of thread would you recommend for sewing the fleece top?
Explain your choice.

.....

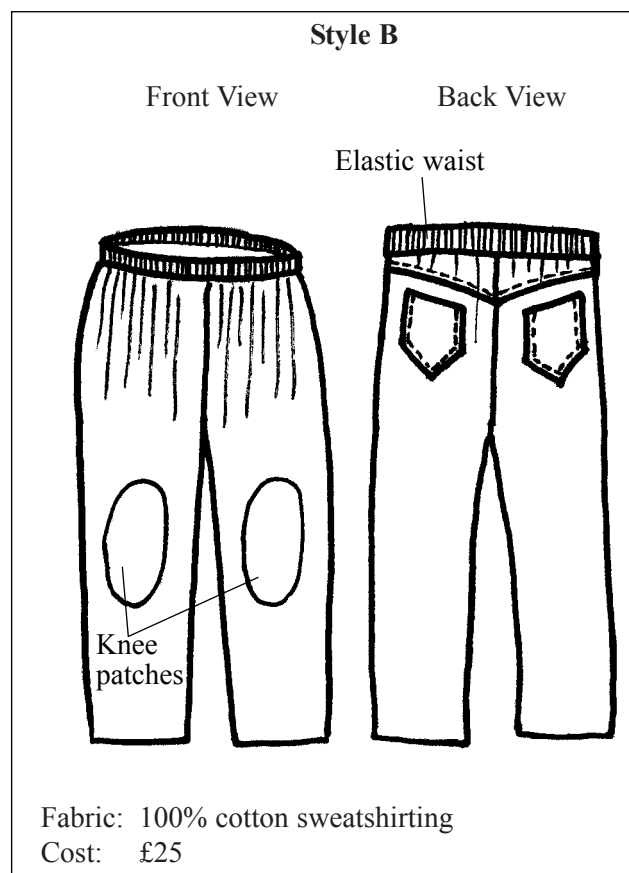
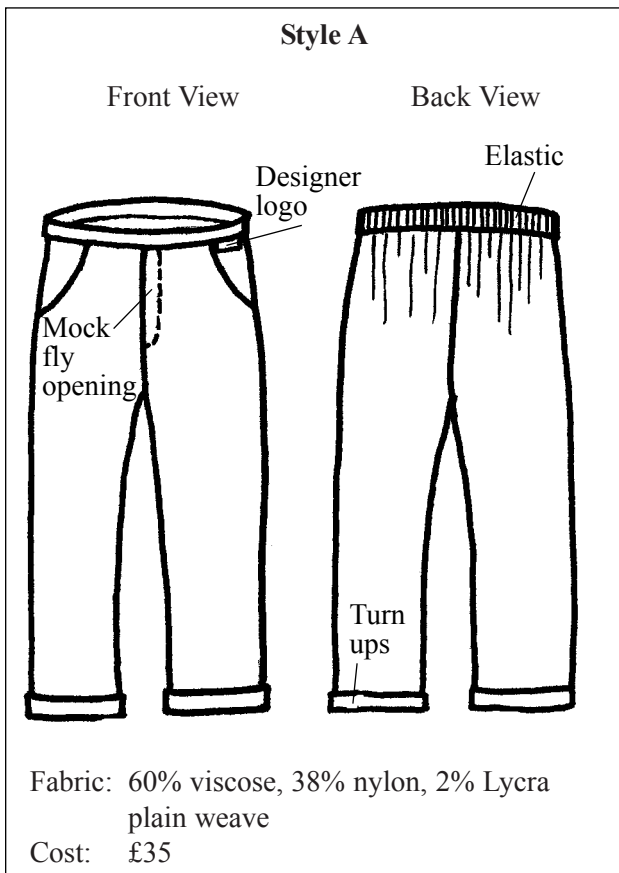
.....

.....

(3 marks)

Question 3 is about buying a pair of trousers.

- 3 A pair of trousers is to be bought for a child to wear at nursery school. Study the two styles shown below.



- (a) Compare the **style** features of the two pairs of trousers. Discuss the suitability of each for nursery school wear.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(6 marks)

QUESTION 3 CONTINUES ON THE NEXT PAGE

Turn over ▶

(b) Evaluate the probable performance of the two fabrics used for the trousers when worn over a period of time.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(6 marks)

(c) Which pair of trousers do you consider will give best value for money?
Give reasons.

.....

.....

.....

.....

.....

.....

.....

.....

(6 marks)

Question 4 is about the consumer.

- 4 A consumer magazine has tested some irons. The results are shown in the chart below. Use the information to answer the questions which follow.

	Iron A	Iron B	Iron C	Iron D
Price (£)	64.50	34.50	25	44
Weight (kg)	1.7	1.5	1.4	1.2
Cord length (metres)	2.95	2.40	2.50	3
Volume of water tank (litres)	0.4	0.3	0.2	0.3
Shot of steam	✓	✓	✗	✓
Vertical steaming ▲ ▲	✓	✗	✗	✗
Spray button	✓	✓	✓	✓
Quality	●●●●●	●●●	●●	●●●
Durability ▲ ▲ ▲	●●●	●●	●●●	●●
Overall performance ▲	●●●	●●	●	●●
Overall safety ▲ ▲ ▲ ▲	●●●	●●	●	●●●

Key ● is the worst performance.
●●●●● is the best performance.

- ▲ Based on the best possible use of the iron by professional ironers and a user panel when ironing a range of garments.
 ▲ ▲ The iron can be used vertically – e.g. for ironing curtains – as well as horizontally.
 ▲ ▲ ▲ The average amount of time the iron lasted before it stopped working.
 ▲ ▲ ▲ ▲ The condition of the iron after being dropped.

- (a) Which iron is the cheapest?

.....
(1 mark)

- (b) Which iron is the heaviest?

.....
(1 mark)

- (c) Which iron had the best overall performance?

.....
(1 mark)

- (d) Which iron had the worst safety performance?

.....
(1 mark)

- (e) What does the following symbol mean?

▲ ▲
(1 mark)

QUESTION 4 CONTINUES ON THE NEXT PAGE

Turn over ►

(f) How were the irons tested for safety?

.....
(1 mark)

(g) How reliable do you think the test for **overall performance** is likely to be?

.....
.....
.....
(3 marks)

(h) A new iron can be an expensive purchase and consumers are anxious to get value for money. Evaluate **Iron A** and **Iron B** in terms of value for different groups of consumers.

Iron A

.....

.....

.....

.....

.....

(4 marks)

Iron B

.....

.....

.....

.....

.....

(4 marks)

(i) The symbol shown below was on a swing ticket attached to the iron. Explain what it tells the consumer.



.....
.....
(2 marks)

- (j) A consumer buys a new iron. After three weeks it stops working. What are his/her rights?

.....
.....
.....

(3 marks)

- (k) Explain the care needed for the safe use and storage of irons.

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

(7 marks)

END OF QUESTIONS

THERE ARE NO QUESTIONS PRINTED ON THIS PAGE

THERE ARE NO QUESTIONS PRINTED ON THIS PAGE

THERE ARE NO QUESTIONS PRINTED ON THIS PAGE