

Surname						Other Names					
Centre Number						Candidate Number					
Candidate Signature											

For Examiner's Use

General Certificate of Secondary Education
June 2008

**DESIGN AND TECHNOLOGY
(TEXTILES TECHNOLOGY)
Written Paper
Higher Tier**

3547/H

H



Monday 9 June 2008 1.30 pm to 3.30 pm

<p>For this paper you must have:</p> <ul style="list-style-type: none"> a pen, a pencil, a ruler, an eraser, a pencil sharpener and coloured pencils an insert (enclosed) for use with Questions 5, 6 and 7.

For Examiner's Use			
Question	Mark	Question	Mark
1		5	
2		6	
3		7	
4			
Total (Column 1) →			
Total (Column 2) →			
TOTAL			
Examiner's Initials			

Time allowed: 2 hours

Instructions

- Use black ink or black ball-point pen. Use pencil and coloured pencils only for drawing.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- You must answer the questions in the spaces provided. Answers written in margins or on blank pages will not be marked.
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- The maximum mark for this paper is 125.
- The marks for questions are shown in brackets.
- You are reminded of the need for good English and clear presentation in your answers.



There are no questions printed on this page

**DO NOT WRITE ON THIS PAGE
ANSWER IN THE SPACES PROVIDED**



Design brief

Hats have recently become very popular.

You have been asked to design and make

either an exciting fashion hat

or a decorative product inspired by hats.

The product must

- be inspired by hat designs from the 20th century
- use at least one decorative technique
- include one or more components
- be suitable for selling in a specialist shop
- be suitable for young adults.

You are advised to answer the questions in this paper in the order in which they are written.

Turn over for the first question

Turn over ►



Answer **all** questions in the spaces provided.

Question 1 is about research to generate design ideas.

- 1 (a) You were asked to research hat fashions of the 20th century.
Describe **one** style of hat which was fashionable in this period.
You may use a diagram.

.....

.....

.....

.....

.....

.....

(3 marks)

- 1 (b) Describe **one** feature of the hat you have described in part (a) which you could use in the design of your product. Explain why it might be effective.

.....

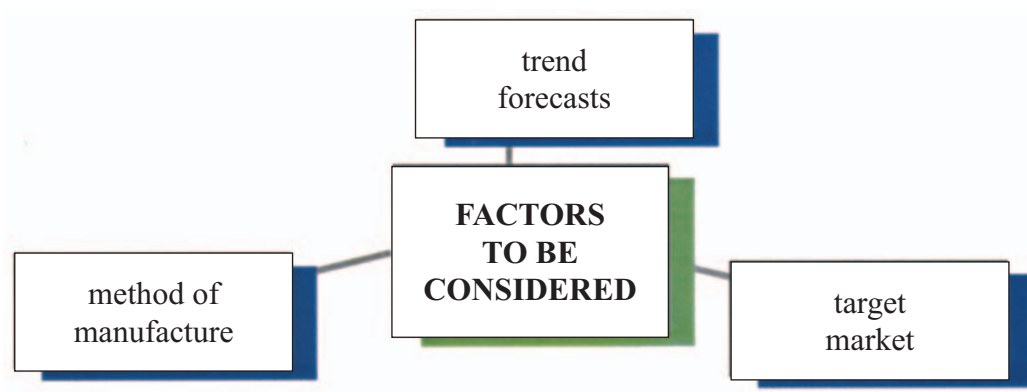
.....

.....

(3 marks)



1 (c) The factors shown in the chart below should be considered when designing a product.



Explain why **each** is important.

1 (c) (i) trend forecasts

.....

.....

.....

(3 marks)

1 (c) (ii) method of manufacture

.....

.....

.....

(3 marks)

1 (c) (iii) target market

.....

.....

.....

(3 marks)

Turn over for the next question

15

Turn over ►



Question 2 is about designing your product.

2 (a) You have been asked to show your design ideas.
Use the information given in the design brief on page 3.

2 (a) (i) Use pencil to draw and label **two** different design ideas for your product.

Marks will be awarded for

- quality of two different design ideas *(2 × 3 marks)*
- quality of notes and sketches. *(2 × 2 marks)* *(10 marks)*

Design Idea A

Design Idea B



Choose **one** of your design ideas for development.

Tick the box to show the design idea you have chosen.

Design Idea A

Design Idea B

- 2 (a) (ii) Explain how the design idea you have chosen would appeal to the target market of young adults.

.....

.....

.....

(3 marks)

Question 2 continues on the next page

Turn over ►



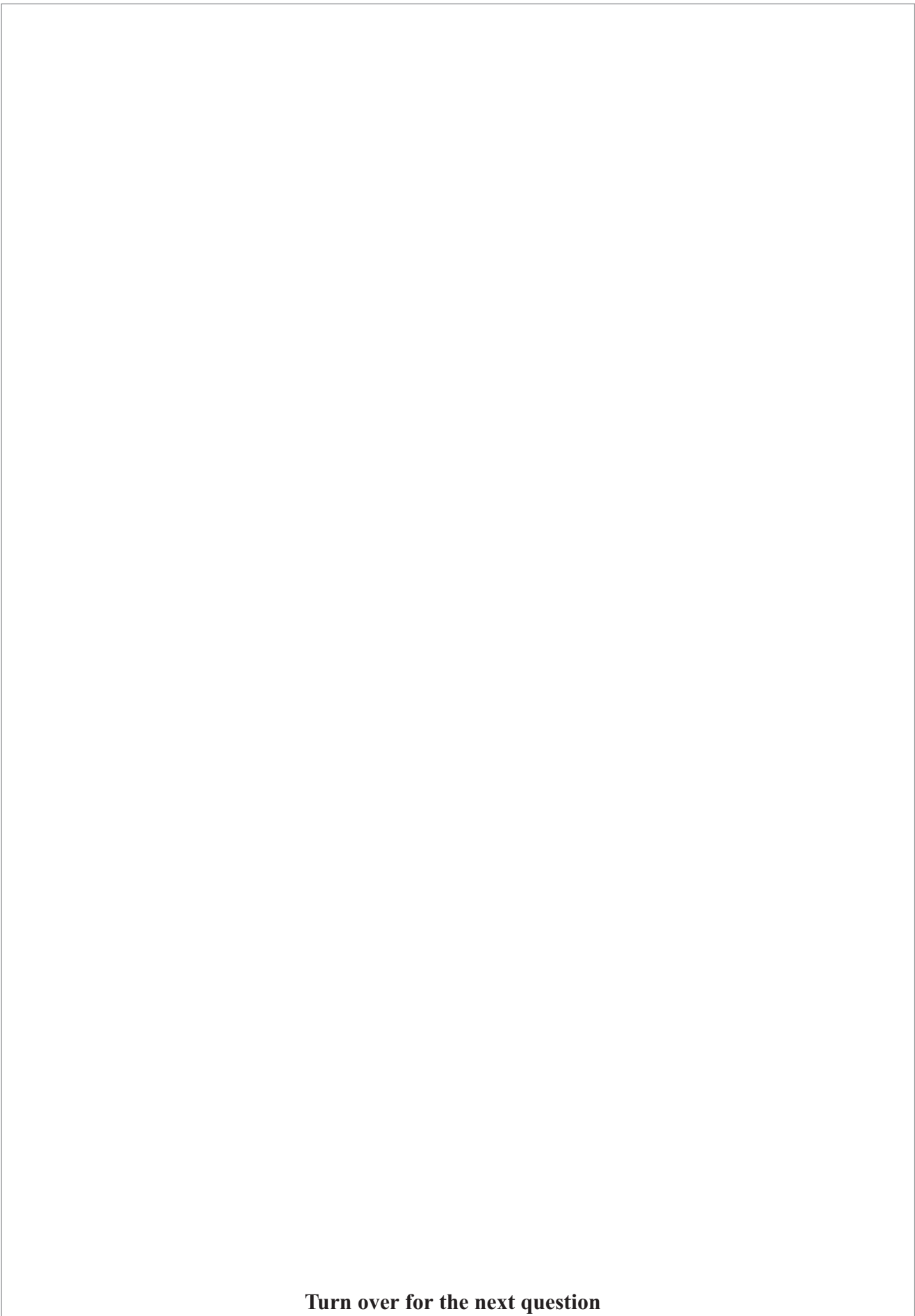
2 (b) Use sketches, labels and notes to present a final design for your product.

You have this page and the next to present your design.

Marks will be awarded for

- use of fabrics and components *(4 marks)*
 - use of 20th century inspiration *(3 marks)*
 - originality and quality of the design including the decoration *(8 marks)*
 - use of colour *(3 marks)*
 - presentation of the final idea. *(3 marks)*
- (21 marks)*





Turn over for the next question

34

Turn over ►



Question 3 is about the decorative and construction techniques used on your product.

3 (a) (i) Name **one** decorative technique you have chosen.

.....
(1 mark)

3 (a) (ii) Explain why you think it is suitable for your product.

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

3 (b) (i) Name **one** construction technique you have chosen.

.....
(1 mark)

3 (b) (ii) Explain why you think it is suitable for your product.

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



- 3 (c) Use notes and diagrams to explain how to work the decorative technique named in part (a)(i).
Include information about materials and equipment that will be needed.

Turn over for the next question

(6 marks)

14

Turn over ►



Question 4 is about consumer choice in relation to your product.

4 You were asked to base your design on a hat from the 20th century.

4 (a) Describe **two** ways in which changes in society can affect designs for textile products.

1
.....
.....

2
.....
.....

(6 marks)

4 (b) Your product is to be sold in a specialist shop.
Describe and evaluate **two** different ways in which it could be advertised.

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

(6 marks)

4 (c) How might the advertising be different if the product was to be sold in a chain of supermarkets?

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

(2 marks)

14



Question 5 is about fabrics and components used in textile products for a baby.

5 Study **Figure 1**, the photograph on the insert sheet.
It shows two pages of a fabric activity book for a baby.

5 (a) The pages of the activity book are made from a plain weave cotton fabric.
Explain why the manufacturer has chosen this fabric.

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

(6 marks)

5 (b) The flower on the left-hand page of the activity book is made from a polyester
satin fabric.
Evaluate the use of this fabric.

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

(4 marks)

5 (c) The activity book is fastened with Velcro.
Compare the use of Velcro with press studs for this product.

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

(4 marks)

Turn over for the next question

Turn over ►



Question 6 is about the industrial manufacture of the activity book shown on the insert sheet.

6 Look again at the photograph of the activity book (**Figure 1**).

6 (a) (i) Name **two** different techniques which could be used to apply the lettering to the pages.

1

2

(2 marks)

6 (a) (ii) Explain how the use of computer technology could help with this part of the manufacture.

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

(3 marks)

6 (b) These activity books are manufactured in quantity to sell in shops.
It will be important that they are made to a high standard.

Explain how the manufacturer can ensure that all of the pages are the same size.

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

(3 marks)

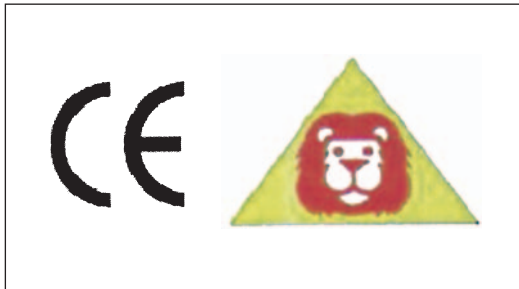


6 (c) Explain why product and manufacturing specifications are important in ensuring that high quality goods are manufactured.

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

(4 marks)

6 (d) The label shown below is attached to the activity book.



Explain in detail what the symbols tell the consumer.

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

(4 marks)

Turn over for the next question

Turn over ►



Question 7 is about the design and manufacture of a bag for a child.

7 Look at the child’s bag shown on the insert sheet (**Figure 2**).
It was sold in a chain of supermarkets.

7 (a) (i) It is made from a 100% polyester fleece fabric.
Explain why this fabric is suitable for the bag.

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

(4 marks)

7 (a) (ii) The bag is lined with a knitted fabric.
Explain why a knitted fabric has been chosen.

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

(3 marks)

7 (b) The information shown below was on the label attached to the bag.



Explain why the consumer is advised to keep the bag away from fire.

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

(3 marks)



There are no questions printed on this page

**DO NOT WRITE ON THIS PAGE
ANSWER IN THE SPACES PROVIDED**



There are no questions printed on this page

**DO NOT WRITE ON THIS PAGE
ANSWER IN THE SPACES PROVIDED**



There are no questions printed on this page

**DO NOT WRITE ON THIS PAGE
ANSWER IN THE SPACES PROVIDED**

ACKNOWLEDGEMENT OF COPYRIGHT-HOLDERS AND PUBLISHERS

Permission to reproduce all copyright material has been applied for. In some cases, efforts to contact copyright-holders have been unsuccessful and AQA will be happy to rectify any omissions of acknowledgement in future papers if notified.

Copyright © 2008 AQA and its licensors. All rights reserved.



**DESIGN AND TECHNOLOGY
(TEXTILES TECHNOLOGY)
Full and Short Courses**

This insert is provided for use in the examination.

Figure 1

Two pages of a fabric activity book

Left-hand page

Right-hand page



Flower which the child can lift to see what is underneath

This insert page should **not** be sent to the examiner.

Figure 2

Pictures of a bag in the shape of an angel deleted due to third-party copyright constraints.

ACKNOWLEDGEMENT OF COPYRIGHT-HOLDERS AND PUBLISHERS

Permission to reproduce all copyright material has been applied for. In some cases, efforts to contact copyright-holders have been unsuccessful and AQA will be happy to rectify any omissions of acknowledgement in future papers if notified.

Copyright © 2008 AQA and its licensors. All rights reserved.