

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) (SHORT COURSE)
Written Paper
Higher Tier**

3557/H

H



Monday 9 June 2008 1.30 pm to 3.00 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: 1 hour 30 minutes

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 100.
- 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) The hat shown below was very fashionable at the beginning of the 20th century. It is trimmed with a stuffed bird.



- 1 (a) (i) Describe **two** changes in society which would make this hat unpopular today.

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2

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(4 marks)

- 1 (a) (ii) Describe **one** feature of this hat which could be used in modern designs.

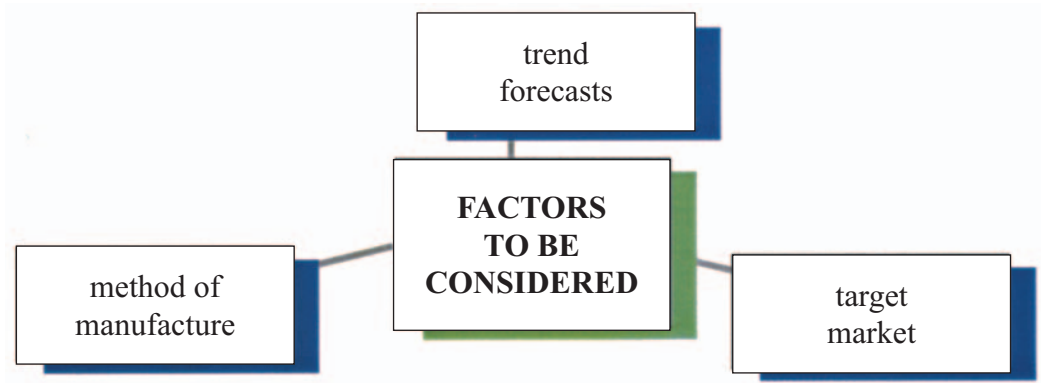
.....

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(2 marks)



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



Explain why **each** is important.

1 (b) (i) trend forecasts

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(3 marks)

1 (b) (ii) method of manufacture

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(3 marks)

1 (b) (iii) target market

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(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.

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(3 marks)

Question 2 continues on the next page

Turn over ►



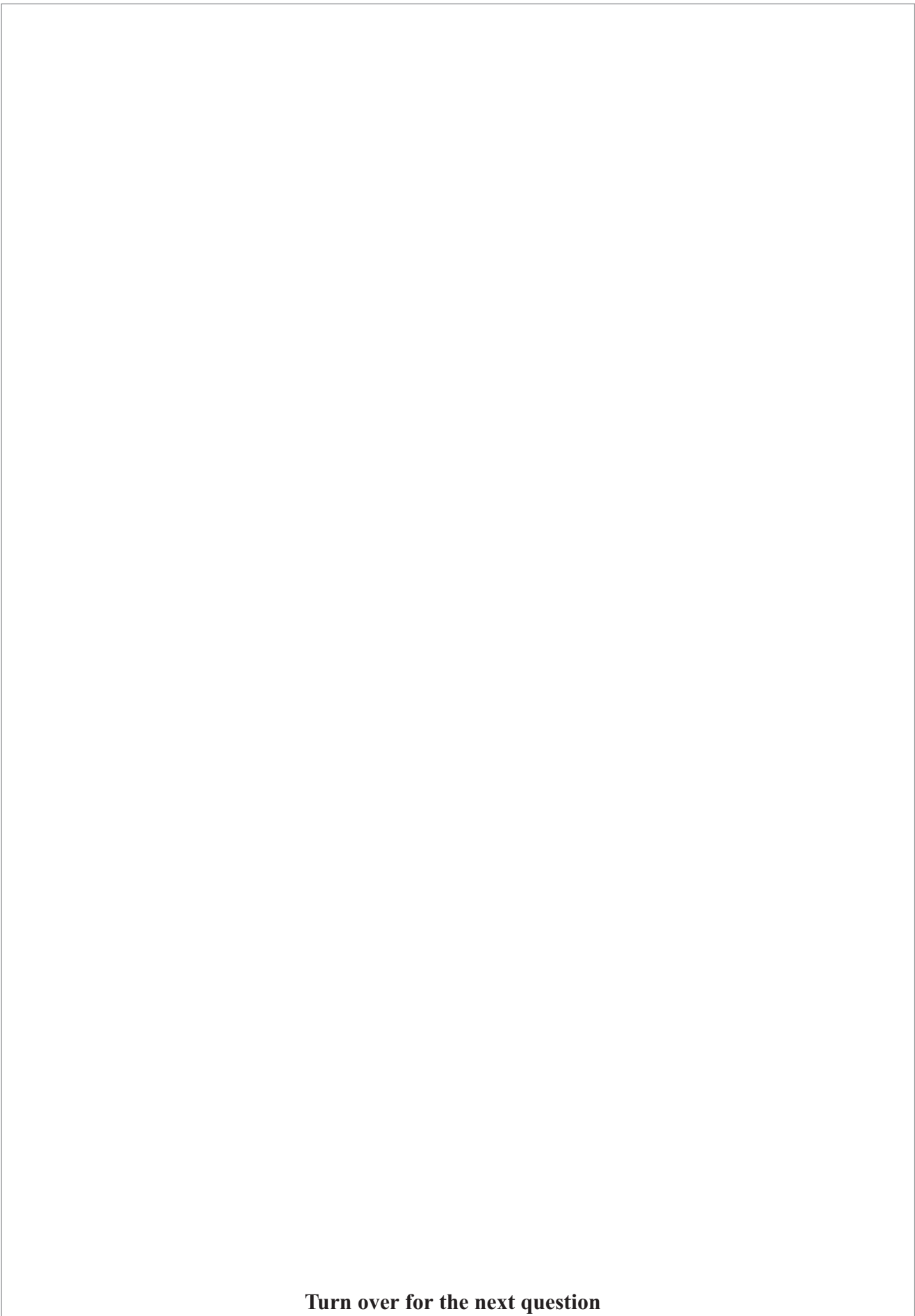
2 (b) Use sketches, labels and notes to present a final design for your product.

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 development of ideas for your product.

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

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(1 mark)

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

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(3 marks)

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

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(1 mark)

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

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(3 marks)

3 (c) Explain how product analysis can help a designer to plan for the manufacture of a new product.

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(5 marks)



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

4 (a) Advertising a new product is important.
Give **two** reasons for advertising.

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(2 marks)

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

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(3 marks)

Turn over for the next question

5

Turn over ►



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.

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(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.

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(4 marks)

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

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(3 marks)



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) Explain how the use of computer technology could help to apply the lettering to the page.

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(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 the pages are the same size.

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(3 marks)

Turn over for the next question

6

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

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(4 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.

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(3 marks)



7 (c) Many textiles products are made overseas.
Discuss the reasons for this.

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(7 marks)

END OF QUESTIONS

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**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

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Figure 2

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

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