

GENERAL CERTIFICATE OF SECONDARY EDUCATION

D&T: TEXTILES TECHNOLOGY

D&T: TEXTILES TECHNOLOGY (Short Course)

Paper 1 (Foundation Tier)

MONDAY 2 JUNE 2008

1958/01
1058/01

Morning
 Time: 1 hour

Candidates answer on the question paper

Additional materials: No additional materials are required.



* G U P / T 4 4 1 7 1 *

Candidate Forename

Candidate Surname

Centre Number

Candidate Number

INSTRUCTIONS TO CANDIDATES

- Write your name in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use blue or 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.

INFORMATION FOR CANDIDATES

- The number of marks for each question 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**.

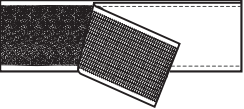
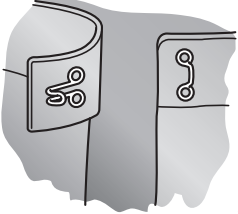
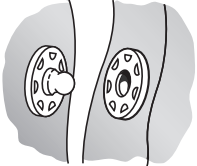
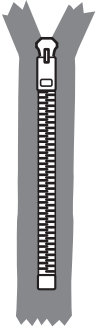
FOR EXAMINER'S USE	
1	
2	
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TOTAL	

This document consists of **12** printed pages.

1 A fastening is a temporary method of joining fabrics.



(a) Complete the table below.

Name each fastening and suggest a different product for each.

Fastening	Name	Product
	<p>velcro</p>	<p>children's shoes</p>
	<p>_____</p>	<p>_____</p>
	<p>_____</p>	<p>_____</p>
	<p>_____</p>	<p>_____</p>

(b) Fabrics can be permanently joined using a sewing machine stitch.

Complete the table below by naming the **two** machine stitches shown.

Machine Stitch	Name
	<hr data-bbox="831 510 1321 517"/>
	<hr data-bbox="831 689 1321 696"/>

[2]

(c) State **two** points to look for when choosing a sewing machine.

Point 1 _____ [1]

Point 2 _____ [1]

[Total: 10]

2 Fig. 1 shows a T-shirt decorated using the tie-dye technique.



Fig. 1

(a) Complete the table below using notes and sketches to show how to tie-dye fabric.

Process	Method
Preparing fabric	
Tying fabric	
Dyeing fabric	

(b) State **two** safety precautions that should be followed when handling and storing chemicals such as dyes.

1 _____ [1]

2 _____ [1]

(c) The T-shirt is made using a sewing machine.
List **two** other tools needed to make up the T-shirt.

1 _____ [1]

2 _____ [1]

[Total: 10]

3 Belts are a popular fashion accessory.

(a) List **three** pieces of information that would be needed before producing design ideas for a belt aimed at the teenage market.

1 _____ [1]

2 _____ [1]

3 _____ [1]

(b) In the space below, sketch a design for a decorative belt to be made from denim fabric.

Label your design to show construction and decorative techniques.

[5]

(c) State **two** ways in which a belt could be advertised.

1 _____ [1]

2 _____ [1]

[Total: 10]

4 Many fabrics are decorated with a printed design developed using Computer Aided Design (CAD).



(a) Give **four** advantages of using CAD to develop print designs for fabrics.

Advantage 1 _____
_____ [1]

Advantage 2 _____
_____ [1]

Advantage 3 _____
_____ [1]

Advantage 4 _____
_____ [1]

(b) Give **two** Health and Safety rules that should be followed when using a computer.

Rule 1 _____
_____ [1]

Rule 2 _____
_____ [1]

- (c) Roller printing is often used to print large quantities of fabric. Describe the industrial process of roller printing.

[4]

[Total: 10]

5 Fig. 2 shows a knitted woollen hat.

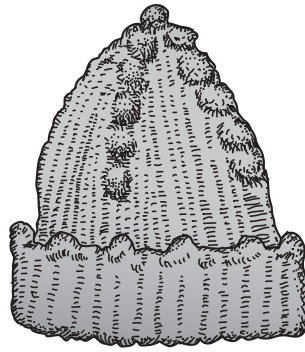


Fig. 2

(a) Give **three** reasons why a knitted woollen fabric is suitable for the hat.

Reason 1 _____
 _____ [1]

Reason 2 _____
 _____ [1]

Reason 3 _____
 _____ [1]

(b) Fig. 3 shows the seam used to make the hat.

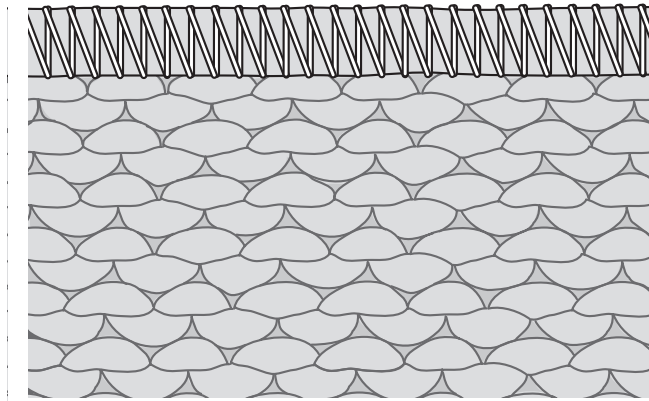


Fig. 3

Explain why this seam is suitable.

 _____ [2]

- (c) The manufacturer has decided to use a knitted acrylic fabric rather than a knitted wool fabric for the hat.

State **two** advantages of using acrylic fabric for the hat.

Advantage 1 _____
_____ [1]

Advantage 2 _____
_____ [1]

- (d) A new hat design is to be developed for pre-school children.
Describe **three** design features that could be included in the new hat design.

Feature 1 _____
_____ [1]

Feature 2 _____
_____ [1]

Feature 3 _____
_____ [1]

[Total: 10]

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