FORM 3 TEXTILES STUDIES TIME: 1h 30min

Name: ________________________________ Class: __________

1a. Using the templates (croquis) below, design two pairs of trousers ideal for a casual occasion. The trousers should have one type of pocket. An example has been included to help you.
b. Sketch a top to match with each trouser.
c. Colour your designs.
d. In the box provided, draw a sample of a fabric which can be used for the trousers.
   An Example has been included to help you. (3, 3, 3, 4, 2 marks)
2a. Name the marking tools shown in the diagram.
(i) ____________________________________________
(ii) ____________________________________________ (2 marks)

b. Why is this method particularly useful?
_____________________________________ (2 marks)

c. Name and draw one other method of marking.

Name ___________________________ 
Draw →

(2 marks)

d. Name and draw two common pattern markings.

Give the meaning of each marking.

An example has been done for you.

<table>
<thead>
<tr>
<th>Name</th>
<th>Marking/Symbol</th>
<th>Meaning</th>
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<tbody>
<tr>
<td>Straight grain</td>
<td>→</td>
<td>Put parallel to selvedge</td>
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(2, 2, 2 marks)

3. Stencilling is one method of colouring fabric.

a. With the help of these pictures explain how to prepare and use a stencil to decorate a cushion.

(i) ______________________________________________ _______________________________
(ii) ______________________________________________ _______________________________
(iii) ______________________________________________ _______________________________
(iv) ______________________________________________ _______________________________
(v) ______________________________________________ _______________________________
(vi) ______________________________________________ _______________________________
The picture shows the stencil pattern used for the cushion.

b. On the pattern, draw **three** embroidery stitches you can use to emphasize your design. Show clearly where you would use each stitch and name the stitches used.  
(3, 3 marks)

c. Name **one** other way of colouring fabric.

________________________________________                                                              (1 mark)

d. Name **one** type of dye/paint that can be used for colouring fabrics.

________________________________________                                                              (1 mark)

e. List **three** safety precautions that need to be taken to avoid damage to fabrics and surfaces when colouring fabrics.

(i)  ______________________________________________  
(ii) ______________________________________________  
(iii) ______________________________________________  
(3 marks)

Fabrics used for these projects need to be absorbent to be able to absorb the colour properly.

f. Name a suitable fabric that can be used for such a project.

__________________________________________  
(1 mark)

g. List **two** other properties of this fabric.

__________________________________________  
__________________________________________  
(2 marks)
4. The sewing machine is a very important piece of equipment when sewing.

a. Name the three marked parts of the sewing machine in the picture.

(i) ______________________________________________
(ii) ______________________________________________
(iii) ______________________________________________

(b) Name the sewing machine attachment in the picture.

__________________________________

(1 mark)

c. Why is this attachment (4b) important?

__________________________________________________________________________

__________________________________________________________________________

(2 marks)

d. List three points to keep in mind when using a sewing machine to keep it in good working order.

(i) ________________________________________________________________

(ii) ________________________________________________________________

(iii) ________________________________________________________________

(3 marks)

e. Name and give the use of the piece of equipment in the picture.

Name ________________________________

Use ________________________________

__________________________________________________________________________

(1, 2 marks)

f. Name two pressing tools from the picture.

Give the use of each tool.

__________________________________________________________________________

__________________________________________________________________________

__________________________________________________________________________

Pressing cloth

Used for ironing to prevent shine

(2, 4 marks)
5. Seams are used to stitch fabric pieces together.

a. Name the seam shown in the diagrams.
   _____________________________________________ (1 mark)

b. Explain in **five** simple steps how to work the seam.
   (i) _____________________________________________
   (ii) _____________________________________________
   (iii) _____________________________________________
   (iv) _____________________________________________
   (v) _____________________________________________ (5 marks)

c. Draw a diagram and name **one** method of neatening this seam.

   ![Diagram of seam neatening method]

   Draw

   Name ____________________________ (2, 1 marks)

This pocket is often used on jeans.

d. Name the pocket. ____________________________ (1 mark)

e. With notes and diagrams, explain how you would make the pocket.
   (i) _____________________________________________
   (ii) _____________________________________________
   (iii) _____________________________________________
   (iv) _____________________________________________
   (v) _____________________________________________ (5 marks)

f. The pocket is decorated with machine embroidery. What can be added to the design to embellish it *(make it nicer)*? Give **two** ideas.
   (i) _____________________________________________
   (ii) _____________________________________________ (2 marks)
Jeans are manufactured from a cotton fabric made with a twill weave.

g. Name this cotton fabric.  ________________________ (1 mark)

h. Draw **two** other types of weave and name each weave.
(i)  ________________________________  (i)
(ii)  ________________________________  (ii)  (2, 2 marks)

6. Cotton is a natural fibre widely used for clothing.

a. List **three** properties of cotton.

______________________________________________
______________________________________________
______________________________________________  (3 marks)

b. Name an experiment you have done in class to find out **one** property of cotton.

______________________________________________  (1 mark)

c. Using notes and a diagram, explain how you would carry out this experiment.

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<th>Diagram</th>
<th>Notes</th>
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|         |       | (2, 4 marks)