1a. Using the templates below, design two pairs of trousers suitable for a casual occasion. Each trouser must have a pocket. Look at the example to help you.

b. Sketch a top to match with each trouser.

c. Colour your designs.

d. The box shows a sample of a fabric which can be used for the trousers. Draw another fabric in the empty box provided. (3, 3, 3, 4, 2 marks)
2a. Name the marking tools shown in the diagram.
   (i) Tracing P __ __ __ __
   (ii) Tracing W __ __ __ __ (2 marks)

b. Name and draw two other methods of marking.
   Name (i) ________________________________ (ii) ________________________________

(2, 2 marks)

c. Name these 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>
</tr>
</thead>
<tbody>
<tr>
<td>Straight grain</td>
<td>Put parallel to selvedge</td>
<td></td>
</tr>
<tr>
<td>D __ __ __</td>
<td>Shows __________________</td>
<td></td>
</tr>
<tr>
<td>F __ __</td>
<td>__ __ __ __ __</td>
<td>Put pattern __________________</td>
</tr>
</tbody>
</table>

(2, 2 marks)

3a. With the help of these pictures, fill in the missing words to explain how to prepare and use a
   stencil to decorate a cushion,
   Plastic, design, dry, stencil, colour, cut
   (i) Draw or trace d __ __ __ __ on plastic film or waterproof paper.
   (ii) C__ __ out design with a sharp tool.
   (iii) Place p__ __ __ __ __ under fabric to protect surface from paints.
   (iv) Fix stencil to fabric using tape so it does not move when applying c__ __ __ __ __.
   (v) Prepare paints and apply leaving each colour to d __ __ slightly before applying other
colours.
   (vi) Lift off s __ __ __ __ sharply to avoid smudging and leave to dry. (6 marks)
The picture shows the stencil pattern used for the cushion.

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

c. One other way of colouring fabric is ___________________. (1 mark)

d. List three safety rules that need to be observed when colouring fabrics.

(i) __________________________________________________________________________
(ii) __________________________________________________________________________
(iii) __________________________________________________________________________ (3 marks)

The fabric used for the cushion needs to be absorbent.

e. Name a suitable fabric that can be used for this cushion. (1 mark)

f. List two other properties of this fabric.

___________________________________________________________________________
___________________________________________________________________________ (2 marks)

g. List three things you need to make this cushion.

(i) ___________________________________________________________________________
(ii) ___________________________________________________________________________
(iii) ___________________________________________________________________________ (3 marks)
4a. Name the three marked parts of the sewing machine in the picture.

(i) _________________________________________________
(ii) _________________________________________________
(iii) _________________________________________________

(3 marks)

b. Name the sewing machine attachment in the picture.

Z __ __ __ __ __ Foot. (1 mark)

c. What is the use of this attachment?

___________________________________________________________________________
___________________________________________________________________

(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. An example has been done for you.

Pressing cloth
Used for ironing to prevent shine (2, 2 marks)
5. Seams are used to stitch fabric pieces together.

a. Name the seam shown in the diagrams.
   O __ __ __     S __ __ __                                                                                             (1 mark)

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

c. Draw diagrams and name two methods of neatening this seam.
   Name ______________________________ Name ____________________________ (2, 2, 1, 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) Cut out pocket and work motif using machine embroidery.
   (ii) Mark ________________________________.
   (iii) Tack and ________________ using a twin needle.
   (iv) Hem edges of _________________________________________________________________________.
   (v) Attach to trouser using a twin needle and _________.                                      (4 marks)

f. What can be added to the design to make it more attractive? Give two ideas.
   (i)  ___________________________________________________________________
   (ii)  ___________________________________________________________________ (2 marks)
Jeans are made from a cotton fabric made with a twill weave.

g. Name this cotton fabric. D __ __ __ __. (1 mark)

h. Draw two other types of weave and name each weave.
(i) ____________________________
(ii) ____________________________ (i) (ii)

(2, 2 marks)

6. Cotton is a natural fibre.
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.

Diagram Notes
___________________________________________________________
___________________________________________________________
___________________________________________________________
___________________________________________________________ (2, 4 marks)