1. The pictures below show three tie-dyed cushions.

a) List four pieces of equipment that are needed for tie-dye.

________________________________
________________________________
________________________________
________________________________
(4 marks)

b) The following are the steps that need to be followed to tie dye fabric. Arrange the following steps in the correct order.

<table>
<thead>
<tr>
<th>Step Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rinse fabric in cold water and salt until clear.</td>
</tr>
<tr>
<td></td>
<td>Iron fabric and tie according to your design.</td>
</tr>
<tr>
<td></td>
<td>Hang to dry. Iron well.</td>
</tr>
<tr>
<td>1</td>
<td>Collect equipment.</td>
</tr>
<tr>
<td></td>
<td>Place fabric in boiling water and leave to boil for about 30 minutes.</td>
</tr>
<tr>
<td></td>
<td>Boil water. Dissolve dye with salt in a jug with hot water. Pour mixture into boiling water.</td>
</tr>
</tbody>
</table>

(5 marks)

c) When dyeing fabric, it is important to know the fibre content. Explain why it is important to know the fibre content.

•  
  
•  
(2 marks)
d) Name **one** fibre that can be dyed easily. _______________________________ (1 mark)

e) State the reason why the majority of dyes today are synthetic dyes.
Reason: ________________________________________________________________________
                                                                                           (2 marks)

f) Dyes are fixed for colour fastness. Complete the following sentences to explain how different
dyes are usually fixed for colour fastness.
• When using cold water dye, __ __ __ __ __ __ or __ __ __ __ can be used for
colour fastness.
• When using hot water dye, __ __ __ __ is used for colour fastness.   
                                                                                           (3 marks)

g) Fruit, vegetables and other items can be used to colour fabrics. These are called natural
dyes. Name **three** other natural dyes that can be used to colour fabric.
• __________________________
• __________________________
• __________________________  (3 marks)

h) Give **one** advantage and **one** disadvantage of using natural dyes to colour fabrics.
Advantage: ________________________________________________________________________
                                                                                           (4 marks)
Disadvantage: ________________________________________________________________________
                                                                                           (4 marks)

i) Name **two** other methods of colouring fabrics. *An example has been given.*
• Stencilling  • __________________________  • __________________________
                                                                                           (2 marks)

j) Name **three** safety rules to be followed when dyeing fabrics. *An example has been given.*
• Wear protective clothing.
• ________________________________________________________________________
• ________________________________________________________________________
• ________________________________________________________________________
                                                                                           (3 marks)
2. Study the sketch of these trousers and answer the following questions:

Sketch A

Sketch B

a) Choose one of the above sketches and label three fashion features. (3 marks)

b) Name three basic measurements that need to be taken before choosing a pattern for a pair of trousers.
   - __________________________
   - __________________________
   - __________________________ (3 marks)

c) Draw and name three basic pattern pieces that are usually required to make trousers.

<table>
<thead>
<tr>
<th>i. Name:</th>
<th>ii. Name:</th>
<th>iii. Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(3 marks)
d) Using the pattern pieces shown in c), draw the pattern layout. The fabric is 150 cm wide.

(3 marks)

e) Name and draw three pattern markings that are usually found on a pattern of a pair of trousers.

i. Name: _______________________

ii. Name: _______________________

iii. Name: _______________________

(3 marks)

f) Name three haberdashery items needed to make a pair of trousers.

• __________________________

• __________________________

• __________________________

(3 marks)

g) The fabric of the trousers in Sketch B is made from denim twill weave.

i. Draw a care label that can be attached to this denim trousers.

Water temperature 

< Tumble drying

Bleaching symbols 

< Ironing

(4 marks)
ii. From the list below, choose **two** suitable properties of denim fabric that make it suitable for this pair of trousers. For each property justify your answer.

<table>
<thead>
<tr>
<th>Property</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>waterproof</td>
<td>easy to wash</td>
</tr>
<tr>
<td>flame resistant</td>
<td>strong</td>
</tr>
<tr>
<td>drapes well</td>
<td></td>
</tr>
</tbody>
</table>

**Property 1:** ________________________

Reason: _________________________________

______________________________________________________________

(1 mark) 

(2 marks)

**Property 2:** ________________________

Reason: _________________________________

______________________________________________________________

(1 mark) 

(2 marks)

iii. The following are different types of weaves. Place the correct name of weave under the correct picture: **Satin weave, Twill weave, Plain weave**

<table>
<thead>
<tr>
<th>Name of weave:</th>
<th>Name of weave:</th>
<th>Name of weave:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(3 marks)

h) Which method of disposing of fullness is used on this pair of trousers? Draw its symbol.

- Name of disposing of fullness: ________________________

- Symbol:

(1 mark)

i) Name and draw **two** other methods of controlling fullness.

- Controlling fullness 1
  - Name: ________________________

- Controlling fullness 2
  - Name: ________________________

(2, 2 marks)

j) Your new pair of trousers was washed and the colours of the trousers ran. List **two** actions which you, as a consumer, can take to solve this problem. *An example has been given.*

- Take the garment back to the shop and ask for refund or exchange.

- ________________________________

- ________________________________

(2 marks)
k) Using the templates provided below, sketch **two** different outfits for different occasions. Do not use the sketches of trousers given in question 2a.

1. **Outfit A**
2. **Outfit B**

Occasion 1: _________________________ 

Occasion 2: _________________________ 

(2, 2 marks)

1. Label **two** fashion features of each sketch. 

(1, 1 marks)

2. Suggest a colour scheme for each outfit.

   Colour scheme for outfit A: ____________________________________ 

   Colour scheme for outfit B: ____________________________________ 

   (1 mark) 

   (1 mark) 

3. Design and draw **three** different accessories which can be worn with one of the outfits drawn above.

   **Name of accessory 1:** 
   ____________________________________ 

   **Name of accessory 2:** 
   ____________________________________ 

   **Name of accessory 3:** 
   ____________________________________ 

   (3 marks)
3. Fabric properties, such as those listed below, are important when choosing materials for products.

<table>
<thead>
<tr>
<th>Absorbent</th>
<th>Durable</th>
<th>Breathable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crease resistant</td>
<td>Flame resistant</td>
<td>Stain resistant</td>
</tr>
</tbody>
</table>

From the list above, choose a different fabric property for each of the following products. Explain why that fabric property is important for the product.

i. Children’s pyjamas
   Fabric property ________________________________
   Important to textile item ______________________
   _____________________________

ii. Aerobics outfit
    Fabric property ________________________________
    Important to textile item ______________________
    _____________________________

iii. Bath towel
     Fabric property ________________________________
     Important to textile item ______________________
     _____________________________

iv. Shirt
    Fabric property
    _________________________________
    Important to textile item
    _________________________________

(2, 2, 2, 2 marks)
4. Anne bought a new sewing machine for her new home.

a) Anne does not know how to thread the sewing machine correctly. To guide her, she found a diagram of how to thread the sewing machine on the manual provided. Help Anne thread correctly the sewing machine by filling in the following steps using the words provided below.

<table>
<thead>
<tr>
<th>tension disk</th>
<th>thread holder</th>
</tr>
</thead>
<tbody>
<tr>
<td>thread hole</td>
<td>take up lever</td>
</tr>
<tr>
<td>thread guide</td>
<td></td>
</tr>
</tbody>
</table>

- Place a spool of thread in the __________ .
- Thread goes through the __________ .
- Pass thread through the __________ .
- Then take thread to the __________ .
- Finally pass thread into the __________ .

(5 marks)

b) Explain the use of the following three ironing tools that Anne needs to have in her new home.

<table>
<thead>
<tr>
<th>Name</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ironing board</td>
<td>__________________________________________________________________</td>
</tr>
<tr>
<td>Sleeve board</td>
<td>__________________________________________________________________</td>
</tr>
<tr>
<td>Pressing cloth</td>
<td>__________________________________________________________________</td>
</tr>
</tbody>
</table>

(3 marks)

c) Anne needs to be aware of how to take care of electrical equipment and this applies to irons, sewing machines and all other electrical sewing aids. List five points about how to take care of electrical equipment to keep them safe to use. An example has been given.

- Do not twist wires or flexes tightly as this may break them.
- __________________________________________________________________
- __________________________________________________________________
- __________________________________________________________________
- __________________________________________________________________
- __________________________________________________________________

(5 marks)