1. The sewing machine is one of the most significant equipment in the Textiles lab.

a. In the box below there are four parts of the sewing machine. Label these parts on the sewing machine.

   Presser foot  Hand wheel
   Thread guide  Spool pin

b. Choose two of the above parts and give the function of each.

<table>
<thead>
<tr>
<th>Part of sewing machine</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(2 marks)
c. List two types of sewing machines.
   - ________________________  
   - ________________________  
   (2 marks)

d. Name the following sewing machine attachments.
   - ![Image]
   ![Image]
   (2 marks)

e. Suggest two ways how to take care of a sewing machine.
   - ________________________________
   - ________________________________
   (2 marks)

f. Using the diagram below to help you, describe in five steps how to thread a sewing machine.
   - ________________________________
   - ________________________________
   - ________________________________
   - ________________________________
   - ________________________________
   (5 marks)
2. The iron is a very useful equipment in the Textiles lab.

a. List two features of a steam iron.
   • ____________________  • ____________________
   (2 marks)

b. The safe use of the iron is extremely important. Design a poster for your Textiles lab. Include two safety rules when using the iron.

(2, 1 marks)

c. The Textile Studies teacher bought a new iron which she found faulty.
   i) List one consumer right that the teacher has.

   (1 mark)

   ii) Describe how she can complain about the faulty iron.

   (3 marks)
3. Textiles refers to anything that is made from fibres or yarns.
   a. In the picture below circle *four* different items made of textiles.
   ![Picture of a living room]

   (2 marks)

   b. Mention *four* items made of textiles that can be found outside of the home.

   • ______________________
   • ______________________
   • ______________________
   • ______________________

   (2 marks)

4. Long ago, people learned to find natural fibres around them and weave them into fabric.
   a. Give the name of the fibre which is made from the following natural sources.

   ![Sheep and cotton plant drawings]

   (2 marks)

   b. Linen is also made from natural fibres.
      i. Give the name of the natural source used to make linen.

         ______________________

         (1 mark)

      ii. Why is linen used to make bed sheets?

         • ______________________
         • ______________________

         (2 marks)
iii. Linen is not resilient so it creases badly. Give the name of the fabric finish that can be applied to make the fabric more resilient.

_____________________________  (1 mark)

iv. Linen frays badly. Name one method that can be used to neaten the edges of the fabric during sewing.

_____________________________  (1 mark)

v. Mention two other items that can be made from linen besides bed sheets.

• ___________________________  • ___________________________  (2 marks)

vi. On the symbols below, complete the care label found on an item made from linen.

(3 marks)

5. We need to test fibres in order to find out their properties.

a. Describe how you would carry out a shrinkage resistance test. Include a diagram showing how to prepare the fabric.

Diagram

Method:

• ________________________________

• ________________________________

• ________________________________

• ________________________________

• ________________________________  (2, 4 marks)

b. Each fibre has different properties. Match the fibre with its properties.

<table>
<thead>
<tr>
<th>1</th>
<th>Cotton</th>
<th>Warm to wear and burns slowly.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Wool</td>
<td>Cool to wear and creases easily.</td>
</tr>
<tr>
<td>3</td>
<td>Silk</td>
<td>Comfortable and soft to wear.</td>
</tr>
<tr>
<td>4</td>
<td>Linen</td>
<td>Shiny, soft and expensive to buy.</td>
</tr>
</tbody>
</table>

(2 marks)
6. Natural fibres can be short or long fibres.
a. Which natural fibre is a continuous filament?
   ________________________________  (1 mark)
b. Mention one characteristic of a continuous filament.
   ________________________________  (½ mark)
c. Explain how to identify a fabric that is made from staple fibres.
   ________________________________
   ________________________________
   ________________________________  (2 marks)
d. Staple fibres are held together by twisting them together. Name the two types of twists.
   • ___________________________  • ___________________________  (2 marks)

e. Twisting yarns together forms a ply. Explain the difference between 2-ply and 4-ply wool.
   ________________________________
   ________________________________  (2 marks)

7. Weaving is one of the main ways in which yarns are made into fabric.
a. On the diagram below, mark the following three given words:

   Weft
   Warp
   Selvedge

   (1½ marks)

b. Many different fabrics have a plain weave.
   i. Mention one plain woven fabric.
      ________________________________  (1 mark)
ii. Mention **one** positive characteristic of a plain woven fabric.

______________________________  

(1 mark)

iii. On the diagram below, draw the pattern of a plain weave.


grid pattern

(2½ marks)

iv. Mention **two** other types of weave.

• __________________________  
• __________________________

(1 mark)

8. Skirts have always been a popular choice of garment used for smart uniforms. The following is an example.

a. Name this type of skirt.

______________________________

(½ mark)

b. Suggest a fabric suitable for the style of this skirt. Give a reason for your answer.

Fabric: __________________

Reason: _____________________________________________________________

__________________________________________________________ (1, 2 marks)
c. Draw and label the **three** basic pattern pieces for this skirt.

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

(3, 1½ marks)

d. Seams are used to join the pieces together.

i. Name the seam used to make the skirt above.

__________________________

(½ mark)

ii. Describe, using diagrams, how to work this seam.

<table>
<thead>
<tr>
<th>Diagram</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(4 marks)

e. The open seam was finished with an overlock stitch to neaten the raw edges of seams. Name **two** other seam finishes.

• ________________________  • ________________________  

(1 mark)
9. Every year, during the month of May, Chloe’s school organises the Sports Day. This year, the Head of School decided to allow students to choose their own sportswear for the day instead of wearing the school PE kit.

a. Design and colour an outfit Chloe could wear for the sports day. (4 marks)
b. Draw and label two fashion features. (2 marks)

c. Design and draw one sportswear accessory that matches with Chloe’s outfit. (1 mark)

d. Mention two fabric properties Chloe should look for in her sportswear. Give a reason for each property.

Property 1: ____________________________
Reason: ________________________________
_________________________________________________________________________
_________________________________________________________________________
_________________________________________________________________________

Property 2: ____________________________
Reason: ________________________________
_________________________________________________________________________
_________________________________________________________________________
_________________________________________________________________________

(2, 2 marks)

e. Mention a fabric suitable for sportswear t-shirts. Give a reason for your answer.

Fabric: ________________________________
Reason: ________________________________
_________________________________________________________________________
_________________________________________________________________________

(1, 2 marks)
10. Ella has a pear body shape and does not know what is best for her to wear to go shopping with her friends.

a. Describe the appearance of a pear body shape.

_______________________________
_______________________________

(2 marks)

b. Suggest a suitable outfit for her to wear. Give a reason for your answer.

Upper body: ____________________________
Reason: _____________________________

Lower body: __________________________
Reason: _____________________________

(2, 2 marks)

c. Mention two other types of body figures.

• ______________________
• ______________________  (2 marks)