FORM 5 TEXTILES STUDIES TIME: 1h 45min

Name: _____________________________ Class: _______________

1. Look at the following two dresses.

   a) Identify one difference in the style.
      • ____________________________________
      (½ mark)

   b) List three basic measurements needed to make these dresses.
      i. ____________________
      ii. ____________________
      iii. ____________________
      (1½ marks)

   c) List two sewing notions needed to make these dresses.
      i. ____________________
      ii. ____________________
      (1 mark)

   d) i. For which of the following figure types is this style most suitable? Underline the correct answer.
      Fuller figure  Slimmer figure
      (1 mark)

      ii. Explain why.
      • ____________________________________
      ____________________________________
      ____________________________________
      (2 marks)
e) Both these dresses are fastened with a zip. Using the following diagrams, match the following steps in the correct order. *(The first one has been done for you).*

<table>
<thead>
<tr>
<th>Figure i</th>
<th>Open seam flat. Working from wrong side, tack one side of the zipper to the seam.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Figure ii</td>
<td>Close seam securely with tacking.</td>
</tr>
<tr>
<td>Figure iii</td>
<td>On the right side, stitch along tacking through all thicknesses. Remove tacking and press.</td>
</tr>
<tr>
<td>Figure iv</td>
<td>Close zipper. Tack other side of zipper.</td>
</tr>
</tbody>
</table>

(3 marks)
The dresses in question 1a are made from **silk**. Fill in the missing information on this care label.

| Water temperature |  
| Water temperature | Water temperature |  
| Tumble drying | Tumble drying |  
| Bleaching symbols |  
| Ironing (dot) | Ironing (dot) |  

(4 marks)

The fabric of these dresses frays. Fill in using the words provided below to describe the main problems you are likely to meet when:

i. making and neatening seams:
   - seam allowance will _________________ easily.
   - neatening stitch will cause _________________ unless handled with great care.
   - needle might _________________ edges of fabric causing more fraying.

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| puckering | tear | fray |
```

(3 marks)

ii. putting up the hem:
   - hem edge frays while _________________ hem.
   - hem edge frays while _________________ unless a double turning is made or _________________ is applied.
   - hem edge frays while neating edge unless a special stitch is used such as _________________.

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| overlock | three step zig-zag | stitching | putting up |
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(4 marks)
2. Knitted fabrics are a popular choice for many textile items, including garments.

a) State two points to be considered when stitching knitted fabrics. (*The first one has been done as an example.*)

- Tack knitted layers carefully together to prevent slippage.
- ________________________________
- ________________________________

(2 marks)

b) The following are some of the advantages of using knitted fabrics for textile items. Using the words provided, fill in the missing words.

lighter    heat    absorbent    elasticity    warmer    tighter

i. Knitted fabrics are ____________________ than woven fabrics. The process of knitting (by hand or machine) creates pockets of air within the material used. These pockets of air act as insulation by trapping ____________________ next to the body thus adding additional warmth.

ii. Knitted fabrics offer more ____________________ than woven fabrics. This makes them more flattering to the human body, as the fit can be ____________________.

iii. When full of air and loosely bound together, knitted fabrics are much ____________________ than woven fabrics.

iv. Knitted fabrics are more ____________________ than woven fabrics as the stitches have more room to expand.

(6 marks)

c) Describe how knitted garments should be cared for. (*The first one has been done as an example.*)

- Store flat to prevent overstretching and to maintain shape if garment is heavy.
- ________________________________
- ________________________________
- ________________________________

(6 marks)
3. These last few years, the recycling of textiles has become big fashion news.
   a) Suggest two different ways of recycling each of the following textile products.

   i. a hand knitted woolen jersey:
      • ________________________________
      • ________________________________

   ii. a denim jeans:
      • ________________________________
      • ________________________________

   iii. a large train of a wedding dress:
      • ________________________________
      • ________________________________
   (2, 2, 2 marks)

   b) Give two reasons why the practice of recycling textiles should be encouraged.
      • _______________________________________________________________________
      • _______________________________________________________________________
      • _______________________________________________________________________
      • _______________________________________________________________________
   (4 marks)

4. Why is a tracksuit a popular item of sportswear?
   a) Fill in the blanks using the words provided to give reasons why tracksuits are suitable for
      sportswear.

      | comfortable | finish | cost | genders | team | quick | warm | care for |
      |--------------|--------|------|---------|------|-------|------|---------|
      | i. It helps to keep the sportsperson ________________ when not participating. |
      | ii. A tracksuit makes the sportsperson look like part of a ________________. |
      | iii. It is ________________ to put on and take off. |
      | iv. The tracksuit is ________________ and easy to wear. |
      | v. It has reasonable ________________. |
      | vi. Fabric is usually easy to ________________. |
      | vii. Sometimes fabric is treated with a ________________ e.g. windproof. |
      | viii. It is unisex which means that it is suitable for both _________________. |
      (8 marks)
b) Your seven year old brother needs a tracksuit for school.

List three features you need to consider when designing this tracksuit. (The first one has been done as an example).

i. Choose a style that allows for growth with fullness, good hems, adjustable fastenings.

ii. 

iii. 

iv. 

(3 marks)

c) Sketch a tracksuit suitable for your brother. Show the front and back views. Label two special features.

Front View

Back View

(2, 2, 2 marks)
d. Sketch a design to decorate the front top of the tracksuit, making use of some leftover fabrics. Give details of three colours used and three decorative stitches.

\[ \text{Front top of tracksuit} \]

\[ \text{i. Design (2 marks)} \]

\[ \text{ii. Explain your inspiration for this design.} \]

\[ \begin{align*}
\text{____________________} \\
\text{____________________} \\
\text{____________________} \\
\end{align*} \]

(2 marks)

\[ \text{iii. Give an effective colour scheme for your design:} \]

\[ \begin{itemize}
\item \text{____________________} \\
\item \text{____________________} \\
\end{itemize} \]

(1 mark)

\[ \text{iv. Draw and name each decorative stitch used.} \]

\[ \begin{align*}
\text{Name of decorative stitch 1:} & \quad \text{Diagram} \\
\text{Name of decorative stitch 2:} & \quad \text{Diagram} \\
\text{Name of decorative stitch 3:} & \quad \text{Diagram} \\
\end{align*} \]

(3 marks)

e) Name two suitable fabrics you can buy for this tracksuit.

\[ \begin{itemize}
\item \text{____________________} \\
\item \text{____________________} \\
\end{itemize} \]

(2 marks)

f) Which of these two fabrics mentioned above do you prefer?

Fabric: \text{____________________} 

(1 mark)
g) Name **three** properties that have influenced your preferred choice of material. (*An example has been given*).
   - *It is crease resistant.*
   - ____________________________
   - ____________________________
   - ____________________________
   (3 marks)

h) Name **two** experiments which you can carry out to test your chosen fabric. (*An example has been given*).

   *Resistance to sunlight.* ____________________________ ____________________________ (2 marks)

i) Choose **one** experiment from the above and write in brief, including a diagram, how this experiment is carried out.

   Name of experiment: ____________________________ ____________________________

   **Diagram**  **Method**
   1. ____________________________
   2. ____________________________
   3. ____________________________
   4. ____________________________
   5. ____________________________
   (2, 5 marks)

5. A sewing machine is a basic tool for making clothing items.

a) State why a sewing machine is a useful tool for making clothes.
   - ____________________________
   - ____________________________
   (2 marks)

b) Mention **three** factors you would consider when buying a sewing machine. (*An example has been given*).
   - *Carry out research work on many different models and brands.*
   - ____________________________
   - ____________________________
   - ____________________________
   (3 marks)
c) Name the following two attachments of the sewing machine. Explain the use of each attachment.

Name of attachment i: ____________________________
Use: ____________________________________________

Name of attachment ii: ____________________________
Use: ____________________________________________

(1,1,1,1 marks)

d) List three safety rules to be followed when using the sewing machine.

• ____________________________________________
• ____________________________________________
• ____________________________________________

(3 marks)
e) The French Seam is a suitable seam in a garment made from transparent fabrics. Using the following diagrams to help you, describe how to work this seam.

1. ____________________________________________
   ____________________________________________

2. ____________________________________________
   ____________________________________________

3. ____________________________________________
   ____________________________________________

4. ____________________________________________
   ____________________________________________

(4 marks)