1. James has redecorated his bedroom and wants to create a fabric collage to hang in his bedroom. He wants to use the following pictures as a source of inspiration for his collage.

a. In the space provided, sketch a creative design for his collage using the above pictures. Each design can be used more than once. Colour your design.

(5 marks)

b. Draw and label three embroidery stitches on your design.

(3, 3 marks)
c. Identify a suitable fabric to be used for the background of your collage.

________________________________________

(1 mark)

d. Give a reason for your choice of fabric.

__________________________________________________________________________

(2 marks)

e. Identify four materials needed to make this collage.

• ________________________________

• ________________________________

• ________________________________

• ________________________________

• ________________________________

(4 marks)

2. Tests on fabric are carried out to ensure that all clothing is fit for its purpose. For example the end use of a fabric shopping bag is to be strong.

To determine the strength of the fabric, the fabric strength experiment is usually done. Draw a labelled diagram and explain how to carry out this experiment. Use the following words to help you.

retort stand weights results

• ________________________________

• ________________________________

• ________________________________

• ________________________________

• ________________________________

(3, 3 marks)
3. a. Regenerated fibres are produced from raw materials that form fibres naturally, for example, wood pulp or cotton linter.

i. Name three regenerated fibres.

- ________________________________
- ________________________________
- ________________________________  (3 marks)

ii. Choose one type of regenerated fibre and state three properties of this fibre.

Name of popular regenerated fibre: ________________________________

Properties of this fibre:

- ____________________________________________________________
- ____________________________________________________________
- ____________________________________________________________  (3 marks)

iii. Underline the correct answer:

Manufacturers use viscose to blend it with other fibres as it:

- is strong, does not crease and dries quickly.  
- is very absorbent and comfortable.  
- does not dry quickly and creases.  (1 mark)

b. Polyamide is produced from a mixture of chemicals made from petroleum and coal.

i. Give the tradename for polyamide: ________________________________  (1 mark)

ii. Mention two properties of polyamide.

- ____________________________________________________________
- ____________________________________________________________  (2 marks)

iii. Mention two outdoor items made from nylon.

- ________________________________  
- ________________________________  (2 marks)
iv. Fill in the blanks using the words given below:

\[
\begin{array}{cccc}
\text{dry} & \text{charge} & \text{moisture} & \text{electrostatically} \\
\end{array}
\]

On dry days nylon becomes _________________ charged when rubbed against the body or other layers of fabric. This happens because _________________ fabrics do not absorb _________________; so it would not conduct electricity away and the _________________ remains still.

(2 marks)

c. Polyurethane is used to make elastomeric and spandex fibres, better known as Lycra and Spandex.
   i. List two items of clothing, other than swimwear, where Lycra is used.

______________________________  ________________________________

(2 marks)

ii. Why is Lycra commonly used for swimwear? *An example is given.*
   - *It is very comfortable to wear.*
   - ________________________________
   - ________________________________

(2 marks)

d. PVC can be used for clothing and household items. PVC cotton-backed aprons are useful, colourful and popular.

Why are cotton-backed PVC aprons so popular?
   - ________________________________
   - ________________________________

(2 marks)
4. Collars have become very fashionable and can be very versatile in creating different styles.

a. Write down the name of the collar shown in the picture below.

_______________________________

(1 mark)

b. In the space provided below, draw and name one other type of collar.

_______________________________

(1, 1 mark)
c. The following steps explain how to make a flat collar.

Match the steps with the correct picture by inserting the letters A to F in the middle column.

| (A) | • Apply the interfacing to the wrong side of each under collar. With the right sides together, pin and tack each upper collar to each under collar, leaving the neck edges open. Stitch each unit along the outer seam line. Stitch across corners. |
| (B) | • Press all of the seams open. |
| (C) | • Trim the seam allowances and corners. Snip the curved seam allowances, paying attention not to snip through the seam line. |
| (D) | • Press the seam allowances toward the under collar. |
| (E) | • Turn the collar right side out. |
| (F) | • Cut out the pattern pieces and interfacing. |

(6 marks)
d. Continue this sentence: This step is important when constructing a flat collar
because ____________________________________________

__________________________________________________

__________________________________________________

(2 marks)

5. Alexandra has bought a paper pattern of a pair of trousers which requires some alterations.

a. Fill in the blanks in the following sentences to describe how you would:

i. Widen the waist of the pattern by 4 cm: Divide the alteration into ______________________ .
Add the amount from the ________________________ of the trousers. (2 marks)

ii. Shorten the pattern by 6 cm: Fold on the line on each pattern piece and make a
_______________________ tuck. ________________________ the pattern line. (2 marks)
b. While tracing the paper pattern, Alexandra came across these pattern markings. Write down the meaning of each pattern marking.

![Pattern Markings]

(a) [Diagram of pattern markings]

(c) In the space provided, draw the pattern marking for the cutting line.

![Cutting Line]

(1 mark)

6. Fashion is a general term for a popular style or practice, especially in clothing, footwear, accessories, make-up etc.

a. Fashion is influenced by _______________________ and ___________________.

(2 marks)

b. Three examples of street fashion include _______________________.
   _______________________. and _______________________.

(3 marks)

c. Fashion design is a form of art dedicated to the creation of clothing and other accessories.

i. Name two fashion designers.

_________________________   ____________________________

(2 marks)
ii. Using the template below, design and colour an elegant outfit for your end of scholastic year party.  

(4 marks)

iii. Label two features in your outfit that are currently in fashion.  

(2 marks)

iv. Match, design and colour a bag and a pair of shoes to go with your outfit.  

(4 marks)
7. Knowing your body shape is the key to successful dressing.
   Amanda and Kim are two teenage girls who are not sure what type of body figure they have and do not know what suits them best.

a. Identify Amanda’s and Kim’s body figure by underlining the correct body shape.

   Amanda  (Pear Shape, Apple Shape, Hourglass)  (1 mark)
   Kim  (Pear Shape, Apple Shape, Hourglass)

b. Complete the table below by answering the following questions.

i. Help Amanda and Kim choose an outfit to go out with their friends, by suggesting an upper body and a lower body garment suitable for their body shape.  (2, 2 marks)

ii. Point out a garment that the teenagers should avoid because of their body shape.  (1, 1 mark)

<table>
<thead>
<tr>
<th></th>
<th>Suitable Outfit</th>
<th>Suitable Outfit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Body Garment:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower Body Garment:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Garment to Avoid</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8. Stains should be removed as soon as possible before they have a chance to set on fabric.

a. Different stains need to be treated differently. Which two main factors determine how to remove a stain?  (2 marks)
b. If you prick your finger while sewing, how can you remove a spot of blood from the garment you were working on?

___________________________________________________________

(1 mark)

9. a. Advertising is one way for manufacturers, retailers and consumers to communicate. Techniques are often used in advertising to tempt consumers to buy their products. List five of these techniques.

b. Describe how advertising influences consumers when purchasing their clothes.

_____________________________________________________________________________

(2 marks)

c. Alex needs a wardrobe change. He has decided to go shopping for some new clothes. Alex has decided to keep these three main points in mind while shopping. Match the points below with their meaning.

<table>
<thead>
<tr>
<th></th>
<th>Sizing</th>
<th>This is important in order to ensure that you care for your clothes properly. It tells you important information about your garment such as what fabric it is made of, how to care for it properly and any other additional information deemed important by the clothes’ manufacturer.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Labelling</td>
<td>This is very important when buying new clothes as you must ensure that the fabric is durable and able to withstand wear and tear so that it lasts for many years.</td>
</tr>
<tr>
<td>3</td>
<td>Quality of fabrics</td>
<td>This is important to ensure that the clothes have a good fit on you. This will make you look smarter in clothes as well as more elegant. Clothes should fit you correctly and they should be neither too small nor too big.</td>
</tr>
</tbody>
</table>