1. Read this information about Lycra® and answer the following questions:

Many designers and clothing manufacturers use Lycra® in their products. Lycra® is used in fabric blends including cotton, silk, and synthetic fibres. Lycra® stretches, allows garments to be more lightweight and is comfortable and breathable. It is quick drying and dyes very well, and it is resistant to bacteria, ultraviolet (UV) rays, and chlorine. Garments with Lycra® are free from static cling and pilling.

It is quite rare to find undergarments, swimsuits, and sports wear made without Spandex these days, but Lycra® is used in a much wider range of clothing. One of its most valuable uses is for medical purposes. Recently, Indian designer Deepika Govind has updated the traditional sari by using fabrics made with Lycra®. One of the newest arrivals in spandex is black Lycra®, used in a new line of La Perla undergarments for women. Black Lycra® is naturally black, making an extremely intense black fabric that resists fading.

a. Who uses Lycra in their products?

____________________________________________________________________________________ (½ mark)

b. Name three properties of Lycra®.

(i) _______________________________________________________________________________

(ii) _______________________________________________________________________________

(iii) _______________________________________________________________________________ (3 marks)

c. One of the most valuable uses of Lycra® is for m __ __ __ __ __ purposes. 

____________________________________________________________________________________ (1 mark)

d. Black Lycra® is n __ __ __ __ __ __ __ black.

____________________________________________________________________________________ (1 mark)

e. Black Lycra® resists f __ __ __ __ __.

____________________________________________________________________________________ (1 mark)
f. Deepika Govind is a designer. Name one other designer that you admire. What do you like about this designer?

**Designer:** _____________________________________________________________ (½ mark)

______________________________________________ _____________________________ (2 marks)

g. Complete the care label for laundering a Lycra® / polyester blend trousers to include washing temperature, bleaching, drying and ironing.

<table>
<thead>
<tr>
<th>Washing/temp</th>
<th>Bleaching</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drying</td>
<td>Ironing</td>
</tr>
</tbody>
</table>

(1, 1, 1 marks)

2. This fashionable shirt pattern has six style variations.

![Shirt Patterns](image)

a. Style B has a shirt collar. List two other features of this style.

(i) ____________________________________________ ________________

(ii) ____________________________________________ ________________ (2 marks)

b. Name a fabric suitable for making style D. Give a reason for your choice.

**Fabric:** ________________________________ (1 mark)

**Reason** ________________________________________________________________ (2 marks)

c. Name an occasion when you can wear style D.

______________________________________________ _____________________ (1 mark)
d. This shirt would be suitable for a short, slim figure. Give one reason for this.

__________________________________________________________________________  (2 marks)

e. Complete the sentences to describe how you would alter the style of a sleeve pattern to make it similar to the one in Styles A and B. Look at the diagram to help you.

(i) Cut the pattern through the centre ____________________________

__________________________________________________________________________

(ii) Spread at the hem ____________________________

__________________________________________________________________________  (2, 2 marks)

f. Name and draw one other type of sleeve style alteration.

Name:  __________________________

Draw  →

________________________________________  (1, 1 marks)

3. Interfacing (Vilene) is used in garments to make the fabric stiffer.

a. In style E, (Question 2) name two places where interfacing should be used.

(i) ____________________________  (ii) ____________________________

(1, 1 marks)

b. Explain how you would attach Vilene to the shirt.

(i) ____________________________  (ii)  _____________________________________________

(2, 2 marks)

c. How would you make sure to keep the iron clean after attaching Vilene?

(i) ____________________________

(ii) ____________________________  (2 marks)
4a. Using the following figure templates, design a summer outfit which you can wear for a pizza party with your friends. *An example is given to help you*. Draw front and back views, showing and naming important design details.

(3, 3 marks)

b. Design shoes/ boots and one accessory to match each outfit.

(1, 1, ½, ½ marks)
5. Cushions can be bought, but they can also be created.

Designs can easily be created using simple shapes traced from books or other sources.

a. In the box provided below, create a design for a cushion for your room using the flower templates provided. (An example has been given to help you.)

b. The design can be worked with appliqué. Name two other techniques you can use to make the design.

(i) ____________________________  (ii) ____________________________  (2 marks)

c. On the design, draw and name four decorative stitches that can be used to work the flowers.

(4, 4 marks)

d. Suggest two other things you can use to decorate the cushion.

(i) ____________________________  (ii) ____________________________  (2 marks)
6. There are seven basic figure types. **Figure 1** is the perfect figure, the hour glass figure.

   a. What figure type is **Figure 2**? ______________________________ (1 mark)

   b. Name and draw **one** other type of figure (**Figure 3**)

   Name: ______________________________________ Draw ______________________ (1, 2 marks)

   c. Suggest **two** types of garments (*clothes*) that this figure type (**Figure 3**) can wear.

   (i) ____________________________ (ii) ____________________________ (2 marks)

   d. What is street fashion?

   ________________________________________________________________

   ________________________________________________________________ (2 marks)

   e. Name **two** colours that are very fashionable this year.

   (i) ____________________________ (ii) ____________________________ (2 marks)

7a. Name and draw **three** different types of sleeves.

   (i) ____________________________ (ii) ____________________________ (iii) __________ (3, 3 marks)
8a. Using the following diagrams to help you, explain how to set in a sleeve.
(The first one has been done for you.)

(i) Work two lines of stitching to ease in the sleeve.

(ii) ____________________________________________ _______________________________
     ____________________________________________ ________________________________

(iii) ____________________________________________ _______________________________
     ____________________________________________ ________________________________

(iv) ____________________________________________ _______________________________
     ______________________________________________ _______________________________

(v) ____________________________________________ _______________________________
     ______________________________________________ _______________________________

(vi) ____________________________________________ _______________________________
     ______________________________________________ _______________________________

(4 marks)

b. On diagram (v) above, draw and name one stitch that can be used to neaten the armhole.
   (1, 1 marks)

9a. Name the fastener shown in the picture, that is used on blouses and shirts.

_________________________________________              (1 mark)

b. Suggest one other fastener that can be used on blouses/shirts.

(i) ____________________________  (ii) ____________________________      (1 mark)

c. Which of the two fasteners do you prefer to use? Give a reason for your choice.

____________________________________________________________________________________

____________________________________________________________________________________  (2 marks)
10. Where do our old/used shoes and textiles go? Look at the information below.

<table>
<thead>
<tr>
<th>80% Exported</th>
<th>10% Wipers</th>
<th>5% Filling Material</th>
<th>5% Waste</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reused within developing countries</td>
<td>Recycled into a product</td>
<td>Recycled into new materials</td>
<td>Cannot be reused or recycled</td>
</tr>
</tbody>
</table>

80% of shoes and textiles go to developing countries to be reused.

a. What percentage is recycled into new material? _____________________ (1 mark)

b. Name two items (not bags), that can be made from reused materials.
   (i) ____________________________ (ii) ____________________________ (2 marks)

c. We throw away many pairs of jeans. From jeans we can make many new items. Draw an item of your choice (an example is given to help you), which you can make from an old pair of jeans. Describe how you can make it, using diagrams to explain your work clearly. (3, 3 marks)

Example

In this space draw your item and the diagrams of how you would make it:

Method

(i) _____________________________________________

(ii) _____________________________________________

(iii) _____________________________________________

(iv) _____________________________________________

(v) _____________________________________________

(5 marks)