Form 5
Textiles Studies
Time: 1h 45 min

Name: ________________________________ Class: ________________

1. a) On the figures provided below, design a casual outfit suitable for each body shape. (3, 3 marks)

    b) Label your designs, naming and showing clearly the style details for each outfit. (2, 2 marks)

    c) Explain briefly why you have chosen the specific style for each outfit. (2, 2 marks)

       Rectangular body shape: _________________________________________________________________

       ____________________________________________

       Pear body shape: ________________________________________________________________

       ____________________________________________

    d) Colour-scheme your design for each body shape in an effective manner. (1, 1 mark)
e) Draw in the boxes provided the design of a different patterned material to create various illusions. Explain how each patterned material can affect the illusion of each body shape.

i. 

____________________________________

ii. 

____________________________________

iii. 

____________________________________

iv. 

____________________________________

(2, 2 marks)

2. Anna has just been employed with an insurance agency as an office clerk. She needs to buy new office wear for her new job.

a) List four factors Anna needs to consider when buying new office wear.

• ___________________________  • ___________________________

• ___________________________  • ___________________________

(2 marks)

b) Sketch two different types of skirts suitable for Anna to wear as an office clerk. Include a different pocket for each style. Show the front and back views for each sketch. Also label the pockets.

Skirt design 1:

Front

Back
c) Darts are folds sewn into fabric to give shape to a garment. Draw and explain how you would make a simple dart.

- ____________________________
- ____________________________
- ____________________________
- ____________________________

(2, 4 marks)

d) Suggest a possible fabric you can use for one of the skirt designs.

Choice of skirt design: __________________ Possible fabric: ____________________________

(1 mark)

e) Name the suitable machine needle to use for the fabric chosen and explain why.

Suitable machine needle: ____________________________ (1 mark)

It is suitable because ________________________________________________________________

(1 mark)
3a) The following charts show the production of wool and cotton. Use the keywords provided to help you complete this chart.

WOOL

- Wool is scoured to remove dirt and lanolin

COTTON

- Fibres are separated to become finer

Keywords:
- Sheared
- Carded
- Short fibres/
- Long fibres

Keywords:
- Ginned
- Carding
- Z-twist

(6 marks)
b) Fabric finishes are added to a fabric to improve qualities needed in use.

i. Give one reason why cotton is calendered.

__________________________________________________________________________

(2 marks)

ii. Name and describe one fabric finish which could be applied to wool.

Name: ______________________________ (1 mark)

Description:

__________________________________________________________________________

(2 marks)

4. You have bought a new shirt from a boutique. When trying out the shirt at home, you noticed that the shirt is stained.

a) What is your right as a consumer in the above situation?

__________________________________________________________________________

(1 mark)

b) Name one factor which the consumer should keep in mind when choosing a laundry detergent.

__________________________________________________________________________ (1 mark)

c) Give the function of the following laundry ingredients:

i. Enzymes: ________________________________________________________________

ii. Suds stabilizers: _________________________________________________________

iii. Perfumes: ______________________________________________________________ (3 marks)

d) On one of the laundry products bought, there is the following symbol:

i. What does this symbol mean? (1 mark)

__________________________________________________________________________

(1 mark)

ii. Name two other items (other than laundry products) on which this label can be found.

__________________________________________________________________________ (1 mark)
5. Diagram A shows a creative wall hanging.
   a) Name one fabric which could be used to do this fabric collage.

   ______________________________________________________________________ (1 mark)

b) Draw and name three embroidery stitches which could be used to decorate this fabric collage.

   Name: __________________________________________ ____________________________
   ____________________________ (3 marks)

c) When working this creative piece of work, interfacing material was used.
   i. What is the main use of interfacing?

   ______________________________________________________________________
   ______________________________________________________________________
   ______________________________________________________________________  (1 mark)

   ii. There are different types of interfacing which can be used with different fabrics. Using the words provided, give the name of the following types of interfacing.

<table>
<thead>
<tr>
<th>woven</th>
<th>non-woven</th>
<th>fusible</th>
<th>sewn-in</th>
<th>knit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suitable to use as they have a heat-activated adhesive on one side. This can be ironed to the wrong side of your fashion fabric, giving complete contact.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>This is ideal for fabrics with textures that cannot be ironed. It is meant to be sandwiched between layers of fabric and sewn into place.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>It is created from warp and weft fibres interwoven together. This type does not have any stretch, and will work well with any woven fabric.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>This one looks like fleece or felt. There isn’t a grain line and you can cut it in any direction.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>It is a stretchy interfacing used when you are using a knitted fabric, such as jersey, ribbed, or double knit.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   (2 ½ marks)
d) Describe how you would apply an iron-on interfacing.

- ____________________________
- ____________________________
- ____________________________
- ____________________________

(2 marks)

e) A bondaweb is one example of interfacing used to bond fabrics together.

i. Which type of fabric construction is used for bonded fabrics?

__________________________ (1 mark)

ii. List three properties of the fabric construction mentioned in question e (i).

- ____________________________
- ____________________________
- ____________________________

(3 marks)

iii. Fabric can be constructed using different methods. Name and sketch another method of fabric construction other than the one mentioned in question e (i).

Name: ________________________

(2 marks)

6. Amanda needs to sew a summer blouse.

a) Suggest one type of fabric suitable for this blouse. Give a reason for your answer.

Name of fabric: ____________________________ (½ mark)

Reason: ____________________________

__________________________ (2 marks)
b) Draw the cutting layout of the pattern pieces of the blouse on 150cm wide fabric. Label the fold and selvedge.

(3½ marks)

c) i. The collar used for the blouse is a ________________ collar. (1 mark)

ii. Name and draw two other types of collar which could be suitable for this blouse.

Name: (2, 1 marks)

iii. Using the following diagrams, explain how you would attach the collar to this blouse.

• ____________________________________________________________
  • ____________________________________________________________
  • ____________________________________________________________

(3 marks)
d) Look at the following sleeves. Name each type of sleeve.

(1½ marks)

7. The average lifetime of a piece of clothing is roughly about 3 years. Increasing the lifetime of clothes will help to decrease footprints for carbon, water and waste.

a) Identify two ways to make a garment last longer.

• .........................................................................................................................

• .........................................................................................................................

(2 marks)

b) i. Look at the picture below. Suggest ways how to promote the recycling of textiles.

• .........................................................................................................................

• .........................................................................................................................

(2 marks)

ii. How can clothes in Malta be recycled?

• .........................................................................................................................

• .........................................................................................................................

• .........................................................................................................................

(2 marks)

c) What is meant by ‘organic cotton’?

.........................................................................................................................

.........................................................................................................................

.........................................................................................................................

(2 marks)

d) Explain why some parents might prefer to buy organic cotton products.

____________________________________________________________________________
____________________________________________________________________________
(1 mark)

8. Pattern adjustment or alteration is often necessary to achieve a good fit in a garment or even to change the style.

In the space provided, draw and explain briefly how you would:

a) Increase the length of a skirt by 5 cm

b) Decrease the width of a skirt by 4 cm

____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________

(2 marks)  (2 marks)

c) Add a central pleat to a plain skirt.

____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________

(2 marks)