DIRECTORATE FOR QUALITY AND STANDARDS IN EDUCATION
Curriculum Management and eLearning Department
Educational Assessment Unit

Annual Examinations for Secondary Schools 2014

FORM 5 TEXTILES STUDIES TIME: 1h 45min

Name: _______________________________ Class: _______________

1. 
   a) On the figures provided below, design a casual outfit suitable for each type of body shape. (3, 3 marks)
   b) On the sketches drawn, design the pattern fabric for each garment. (1, 1 mark)
   c) Label your designs, naming and showing clearly the style details for each outfit. (2, 2 marks)
   d) Colour your designs with suitable colour schemes for each body shape. (1, 1 mark)

Rectangular Body Shape

Pear Body Shape
e) Explain how large dots and thin vertical stripes can have various effects on both body shapes.

_____________________________________________

_____________________________________________

_____________________________________________

(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) Suggest three factors Anna should keep in mind when choosing new office wear.

- ________________________________________________

- ________________________________________________

- ________________________________________________

(3 marks)

b) Sketch a skirt and a pair of trousers suitable for Anna to wear as an office clerk. Show the front and back views.

**Skirt design:**

Front

Back

**Trousers:**

Front

Back

(2, 2, 2 marks)

c) Draw and label one type of pocket both on the skirt and the trousers on either the front or back view.

(2 marks)
d) Darts are folds sewn into fabric to give shape to a garment.

i. Name the **two** types of darts shown in the picture.
   - _________________________________
   - _________________________________

(2 marks)

ii. Explain how you would make darts in the space below.

   - ______________________________________________________
   - ______________________________________________________
   - ______________________________________________________
   - ______________________________________________________

(4 marks)

e) Suggest a possible fabric you can use to make the skirt or the trousers sketched in question 2 (b).

   Choice of skirt/ trouser design: ___________   Possible fabric: ____________________

(1 mark)
f) The following pictures show different machine needles. Choose one machine needle which is suitable for the chosen fabric in question 2(e) and give a reason for your choice.

Choice of machine needle:

__________________________________________ (1 mark)

Reason:

__________________________________________

__________________________________________

__________________________________________

__________________________________________ (2 marks)

3.a) Put in order the steps of identifying the production of wool and cotton. The first one has been done for you.

The production of wool:

<table>
<thead>
<tr>
<th>Step</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Wool is scoured to remove dirt and lanolin.</td>
<td></td>
</tr>
<tr>
<td>Wool is carded (brushed) between rollers.</td>
<td></td>
</tr>
<tr>
<td>Shorter fibres are used to make wool yarns while longer fibres are used to make worsted fabric.</td>
<td></td>
</tr>
<tr>
<td>Wool is sheared from the sheep.</td>
<td>1</td>
</tr>
</tbody>
</table>

The production of cotton:

<table>
<thead>
<tr>
<th>Step</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>After picking, cotton is ginned to remove seeds, stalks and leaves.</td>
<td>1</td>
</tr>
<tr>
<td>Fibres are twisted together with a Z-twist to give strength.</td>
<td></td>
</tr>
<tr>
<td>During carding the fibres are brushed into thin film.</td>
<td></td>
</tr>
<tr>
<td>Fibres are separated to become finer.</td>
<td></td>
</tr>
</tbody>
</table>

(3 marks, 3 marks)
b) Fabric finishes are added to a fabric to make sure that it has the qualities that are needed in use.
i. Give one reason why cotton is calendared.
______________________________________________________________________
______________________________________________________________________  (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 should the salesgirl do in this situation?
___________________________________________________________________________
_______________________________________________________________________
(1 mark)

b) Name one thing which the consumer should keep in mind when choosing a laundry detergent.
___________________________________________________________________________
(1 mark)

c) Match the function of the following laundry ingredients:

<table>
<thead>
<tr>
<th>Laundry Ingredient</th>
<th>Number</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>i. Enzymes</td>
<td></td>
<td>Give the wash a clean smell.</td>
</tr>
<tr>
<td>ii. Suds stabilizers</td>
<td></td>
<td>To break down protein such as egg, blood and sweat.</td>
</tr>
<tr>
<td>iii. Perfumes</td>
<td></td>
<td>Keep the lather down.</td>
</tr>
</tbody>
</table>

(1 ½ marks)
d) On a laundry product there is the following symbol:

![Symbol Image](image)

i. What is the symbol showing? (1 mark)

ii. Tick **one** promise that this symbol ensures to consumers.

- [ ] Less packaging.
- [ ] Minimise the amount of electricity used to tumble dry clothes.
- [ ] Reduce the use of hot water as it needs energy.

(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)

![Diagram A Image](image)

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

Name: ___________ ___________ ___________ (3 marks)
c) When doing this creative piece of work, one of the materials used was the interfacing.

i. Why is interfacing used? Tick (☑) the right answer.

<table>
<thead>
<tr>
<th>To decorate garments, creative projects and household items.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>To give additional strength, support or shape to sewing, quilting and crafts projects.</td>
<td></td>
</tr>
</tbody>
</table>

(1 mark)

ii. Match the following types of interfacings.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<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>
</tr>
<tr>
<td>2</td>
<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>
</tr>
<tr>
<td>3</td>
<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>
</tr>
<tr>
<td>4</td>
<td>This one looks like fleece or felt. There isn’t a grain line and you can cut it in any direction.</td>
</tr>
<tr>
<td>5</td>
<td>It is a stretchy interfacing used when you are using a knitted fabric, such as jersey, ribbed, or double knit.</td>
</tr>
</tbody>
</table>

(2 ½ marks)

d) Describe how you would apply fusible interfacing. These pictures will help you.

-  
-  
-  
-  

(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 two properties of the fabric construction mentioned in question (e) i.

• ____________________________________________________________
  ____________________________________________________________ (2 marks)

iii. Name and sketch a diagram of one other type of fabric construction.

Name: ____________________________________________________________ (2 marks)

6. Amanda needs to sew a summer uniform blouse for her work.

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

Name of fabric: ________________________________ (1 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, fill in the missing words in the method of attaching the collar to this blouse.
• Prepare facings by joining ________________ facing to front facings at shoulders. Finish off, ________________ and press.

• Turn a ________________ to W.S. (wrong side) along outer edge of facings. ________________ along the edge and press.

• Sandwich collar in between facings and garment, matching ________________ and Centre Back.

• Tack and machine firmly. Trim and snip at ________________ to allow for curve.

• Turn facing over to W.S. Press lightly. Catch stitch facing to garment at seam only. (3 marks)

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

![Sleeve Images]

(1 ½ marks)

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

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

• __________________________________________________________________________

• __________________________________________________________________________

(2 marks)
ii. How can we recycle clothes in Malta?

__________________________________________________________________________

__________________________________________________________________________

(2 marks)

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

- ____________________________
- ____________________________
- ____________________________
- ____________________________

(2 marks)

c)  
i. Explain what is meant by organic fabric?

__________________________________________________________________________

__________________________________________________________________________

(2 marks)

ii. Name one fabric which can be organic: ____________________________ (1 mark)

iii. Explain why some parents might prefer to buy organic textiles products.

__________________________________________________________________________

__________________________________________________________________________

(2 marks)
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 how you would:

a) Increase the length by 5 cm

b) Decrease the width by 4 cm

c) Add central pleat to a plain skirt

(6 marks)