

Annual Examinations for Secondary Schools 2015

FORM 2

TEXTILES STUDIES

TIME: 1h 30min

Name: _____

Class: _____

1. Lisa wants to learn more about the history of the sewing machine. She found these pictures of different types of sewing machines but the names are jumbled up.
- a) Using the list below, help Lisa to correctly name each type of sewing machine.

Hand sewing machine, Treadle sewing machine, Electronic sewing machine,
Overlock sewing machine, Computerized sewing machine



i.



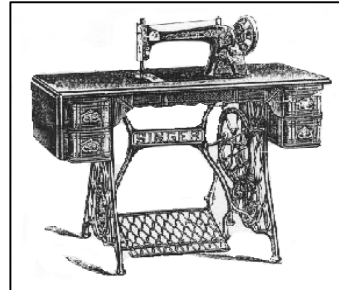
ii.



iii.



iv



v.

(5 marks)

2. a) Place the fibres in the correct section.

(3 1/2 marks)





Natural Fibres	Man-made Fibres

Fibres:
*cotton, linen,
 nylon, polyester,
 wool, silk,
 acrylic.*

b) Give another word for man-made fibres. _____

(1/2 mark)

c) Fibres are made from different sources of origin. **Name** the fibre for each source of origin.

(4 marks)

d) Explain the difference between staple and continuous filaments.

(2 marks)

e) Give an example of:

<p><i>Staple fibre</i></p> <p>_____</p>	<p><i>Continuous filament</i></p> <p>_____</p>
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(2 marks)

f) After selecting the type of fibre, fibres are twisted together to form a _____.

(1 mark)

g) Textile items are made from different fabrics for different uses. Explain why, by giving the suitable property for each textile item.

COTTON



T-Shirt

Property: A cotton t-shirt is comfortable.

1. LINEN



Summer skirt

Property: _____

2. WOOL



Cardigan

Property: _____

3. POLYESTER



Tent

Property: _____

4. SILK



Dress

Property: _____

(4 marks)

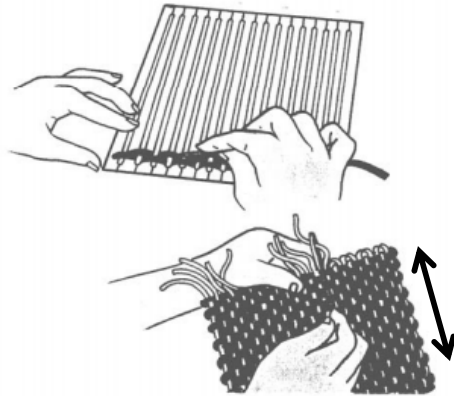
h) List **two** uses for each of the following fibres.

i. Acrylic: _____, _____

ii. Nylon: _____, _____

(4 marks)

3. Fabric can be constructed using different methods. Weaving is one method of fabric construction. The diagram shows a simple woven project.



- a) Mark on the diagram the warp and weft threads. (2 marks)

- b) What is the edge which gives firmness to the fabric (marked with an arrow \leftrightarrow on the diagram) called?

(1 mark)

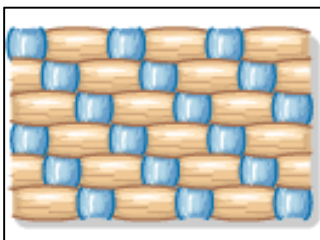
- c) Draw and name **one** item which can be made using weaving.



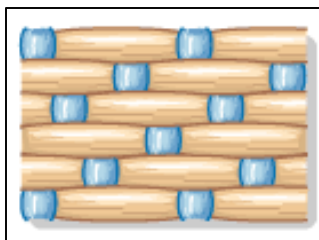
Name: _____

(2 marks)

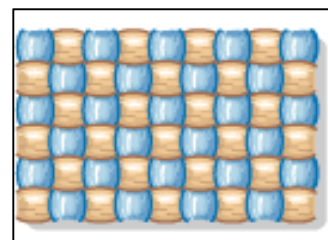
- d) The following diagrams show different types of weaves. Write down the names below to correctly name the types of weaves.



i. _____



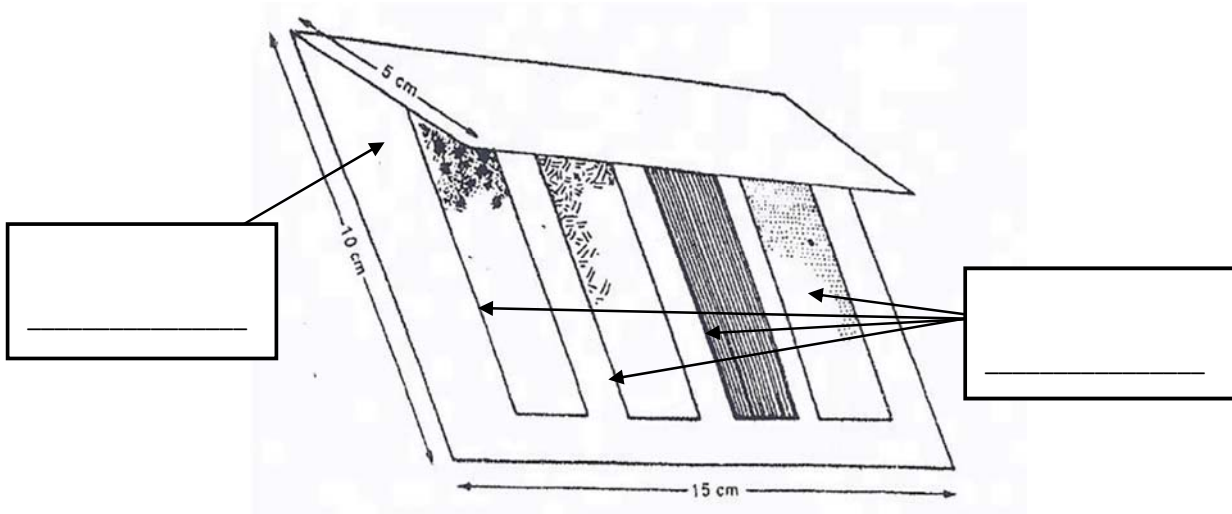
ii. _____



iii. _____

(3 marks)

4. Tests are carried out to test fibres for different properties before making them into textile items. Below is one test that was carried out in class.



a) What is the name of the above test? _____ (½ mark)

b) What is the purpose of this test?

(2 marks)

c) Fill in the blanks in the boxes of the above diagram.

(1 mark)

d) Briefly describe the **three** main steps involved to carry out this test.

- _____
- _____
- _____

(3 marks)

e) Suggest **two** safety precautions that should be carried out when doing tests in the Textiles lab.

- _____
- _____

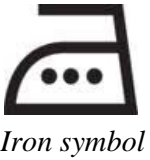
(2 marks)

5. Emma was preparing to go out with her friends; so she ironed her polyester dress using the following iron symbol.



a) What do you think has happened to the dress when Emma ironed with the iron symbol shown? Give a reason for your answer.

_____ (1, 2 marks)



- b) Draw the ironing symbol which Emma should have set her iron on, to iron her polyester dress. (1 mark)

Ironing symbol to iron polyester

- c) Name **two** other fabrics which should be ironed using the iron symbol in question 5b.

Fabric 1: _____

Fabric 2: _____

(2 marks)

- d) Draw and name **two** care labelling symbols representing **two** different ways of drying clothes.

Drying method 1:

Drying method 2:

(4 marks)

e) This is a common symbol found on garment labels. Explain the washing symbol.



- _____
- _____
- _____

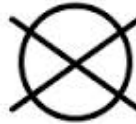
(3 marks)

f) Circle the correct picture for each statement.

i. Bleaching with oxygen



ii. Do not steam



iii. Hand wash



iv. Dry clean



(2 marks)

6. The following question is about laundry and care of fabrics. Read the situations below and then answer the questions.

Situation A

John wore a pure wool cardigan. When he got home, he realised that he had a stain on his cardigan and used chlorine bleach to remove it. Then he washed it in the washing machine at 90°C. He then ironed his cardigan at a low temperature.

Situation B

Alison was given a pure silk scarf as a gift. She always sprays the scarf with perfume before she wears it to go out. Alison carefully hand washed the scarf and ironed it at a high temperature.

a) In both situations John and Alison made some mistakes when taking care of their garment.
Read the situations again and underline their mistakes. **(4 marks)**

b) Describe two ways of taking proper care of different textile materials/clothes.

- _____

- _____

(4 marks)

c) Sometimes certain garments need to be dry cleaned.
Explain why this process is sometimes needed.

(2 marks)

7. Mariah did some shopping during the summer sales. There were various clothes which were worth buying at a discounted price. She bought a few items and went home. After a week, she put on one of the dresses bought on sale and noticed that one of the side seams was torn.



a) Name **two** factors that could influence Mariah to buy clothes during sales.

(2 marks)

b) What was Mariah's obligation before buying the dress?

(1 mark)

c) Which consumer right best fits the above situation? Give a reason why.

Consumer Right chosen: _____
Reason why: _____

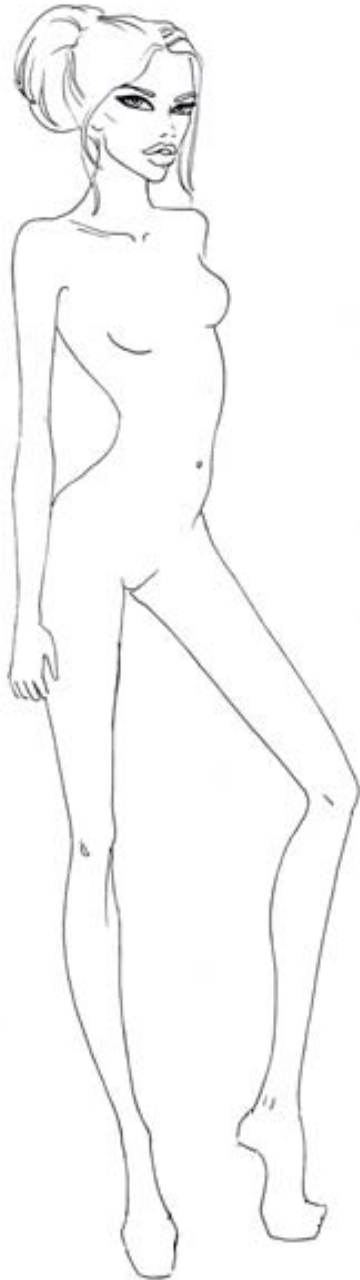
(3 marks)

d) Underline **one** important document which should be presented when making a complaint.

receipt guarantee contract

(½ mark)

8. a) Diane is invited to her cousin's wedding which will take place next summer.
- i. Design **two** evening dresses for Diane to choose from. Keep in mind the occasion for which the dress is going to be used. Colour in both designs. **(4, 2 marks)**
 - ii. Design suitable shoes for each outfit. Colour in. **(1, 1 marks)**
 - iii. Mark **one** style feature of each dress. **(1, 1 marks)**
 - iv. Design **one** accessory (not bags) for each outfit. **(1, 1 marks)**



Dress A



Dress B

b) Choose **one** of your dresses and state which fabric would be most suitable.

Dress: _____ (Write A or B) Fabric Chosen: _____

(1 mark)

c) Describe why you chose this fabric.

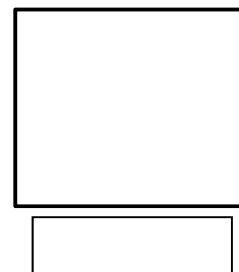
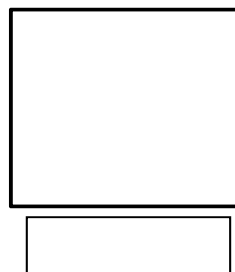
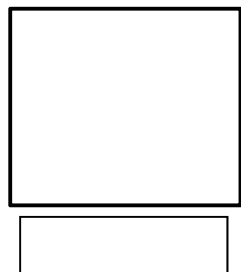
(1 mark)

d) In the space provided, design a bag which could be worn with your chosen dress. Colour in your design.



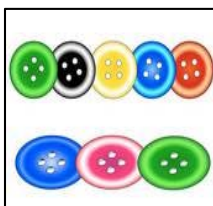
(4 marks)

e) List and draw **three** items which could be used to decorate your bag.



(3, 3 marks)

f) The fasteners below can be used to open and close the bag.
Write down the **name** of each fastener.



i.



ii.



iii.



iv.

(2 marks)