

FORM 2

TEXTILES STUDIES

TIME: 1h 30min

Name: _____

Class: _____

1. Textiles items are made of different types of fibres.

a. Circle the **three** natural fibres.



wool, nylon, viscose, polyester, silk, cotton, acrylic

(3 marks)

b. **Fill in** the blanks with the words provided.

synthetic

regenerated

animal

staple

i. _____ fibres are a type of man-made fibres.

ii. _____ fibres are short fibres. Examples are: wool, cotton and linen.

iii. Natural fibres are divided into _____ fibres and plant fibres.

iv. _____ fibres are made from oil and coal. (4 marks)

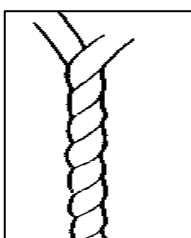
c. Yarns are spun by twists.

i. Name the **two** types of yarn twists.

• _____ • _____

(1 mark)

ii. Identify and name the spinning **direction** in the diagram.



• _____

(1 mark)



d. Explain the main stages involved until fibres are made into woven fabric.

- _____
- _____
- _____

(3 marks)



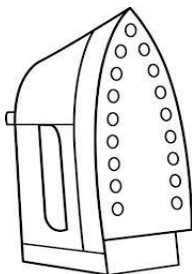
e. Melanie is planning to make an animal carnival costume for her three-year old son Jacob.

- i. Choose **one** suitable fabric for Jacob's costume considering that carnival is held in February. _____ (1 mark)
- ii. Justify **one** reason for the chosen fabric. _____

(2 marks)

2. The iron is a very important pressing equipment used in the textiles lab.

a. **Label** the pictures below with the correct name.



Iron A

A s _ _ _ _ iron.



Iron B

A d _ _ iron.

(2 marks)

- b. Describe **one** advantage of iron A over iron B.

(1 mark)

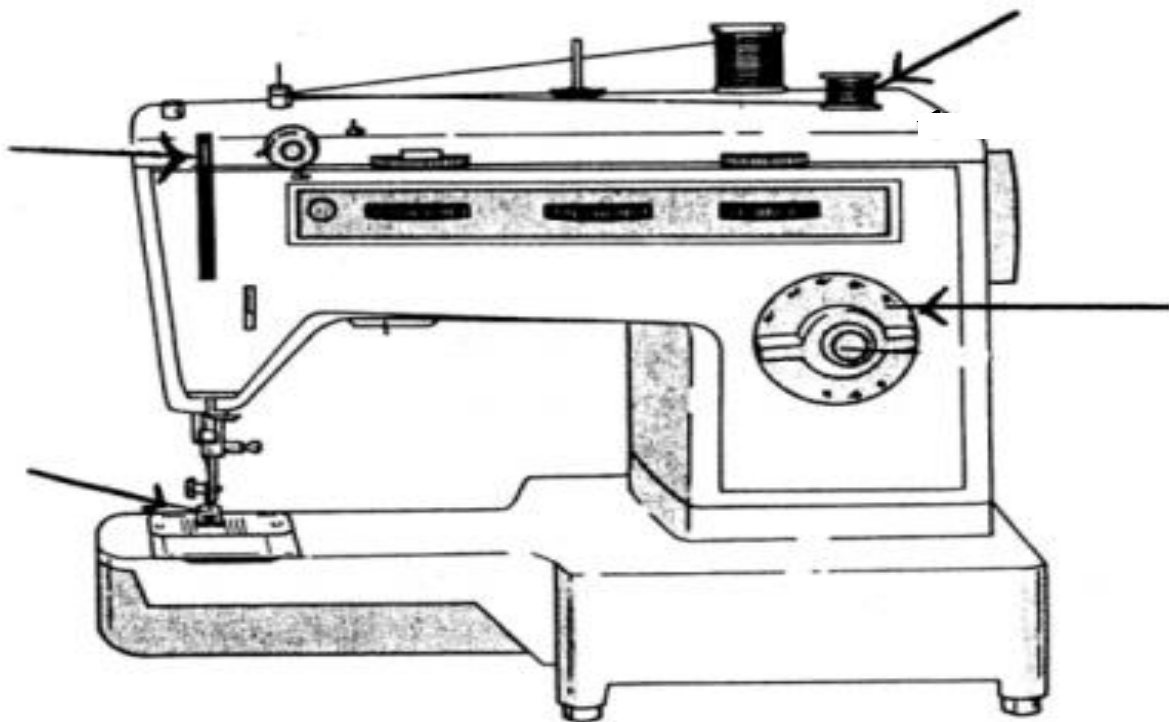
- c. Underline the **correct** word: Clothes are ironed on an: **iron board**, **iron sleeve**, **iron table**

(1 mark)

3. Sarah has just bought a new sewing machine; she wants to learn more about how to use it.

- a. Label the **four** sewing machine parts marked with an arrow. (2 marks)


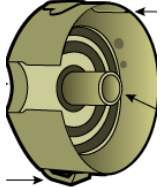

- b. Using a coloured pen, **mark** how you would thread the sewing machine on the diagram. (2 marks)



- c. Name **one** way how to take care of the sewing machine.

(1 mark)

d. **Fill in** the table below by writing the correct name and use of each part.

Picture	Name	Use
		
		
		

(3, 3 marks)

4. The following items can be used to make a bag for yourself.

Box A



Zip



Buttons



Bows



Sequins



Beads

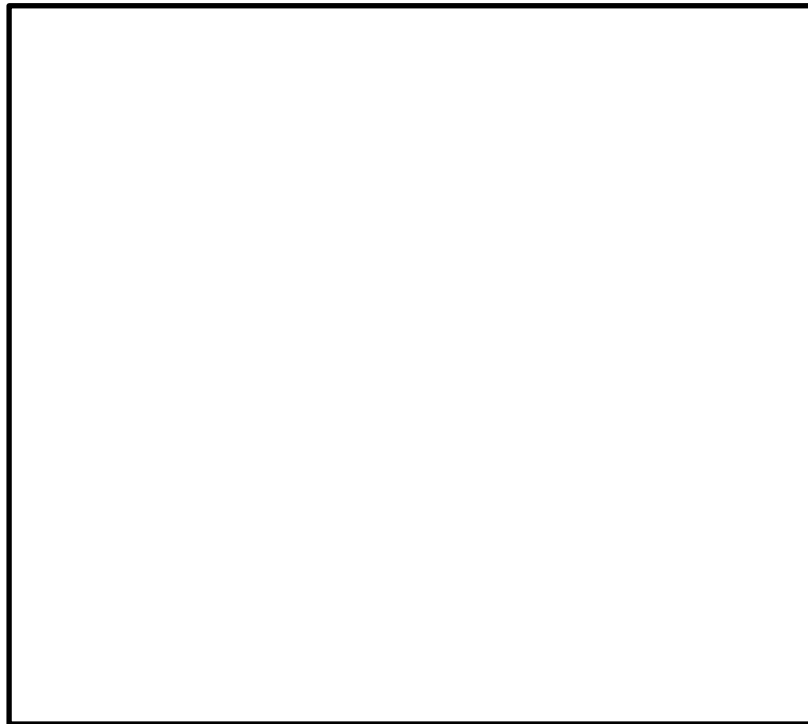


Clasps



Velcro

- a. In the space provided below, **draw** a bag you would like to make for yourself.
- b. Mark and label in the design the choice of **five** items from Box A. (5 marks)
- c. Decorate the bag with **three** embroidery stitches and name each embroidery stitch. (3, 3 marks)



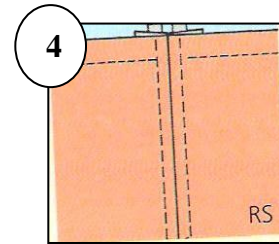
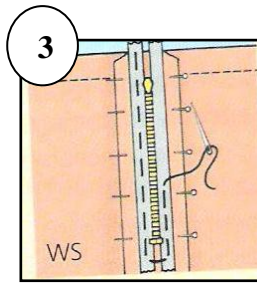
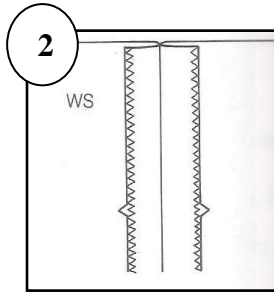
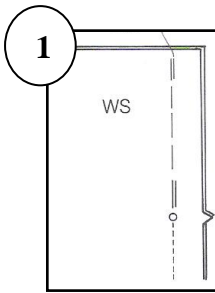
- d. **Box A** includes the pictures of fasteners which can be used as part of the bag.
Choose **two** fasteners from **Box A** and give **two** different uses of each in clothing.

Name of fastener chosen	Uses in clothing
i. _____	<ul style="list-style-type: none"> • _____ • _____
ii. _____	<ul style="list-style-type: none"> • _____ • _____

(1, 2, 2 marks)

- e. Match the pictures with the correct statement describing the steps to make a zip.

The first one has been done for you.



Machine the zip
using the zipper
footer.

Put the zip facing
down on the wrong
side of the seam, and
tack the zip in place.

Open the seam
and iron.

Make a seam
allowance of
2.5cm.

1

(3 marks)

5. Reflect on the following situations:

Situation A: Sharp equipment was left lying around in the Textiles lab.

Situation B: The steam iron was left switched on with no one in the room.



For each situation:

- State why** each situation is dangerous.
- Suggest a safety precaution** for each situation.

Situation A

This is dangerous because: _____

It could be made safe by:

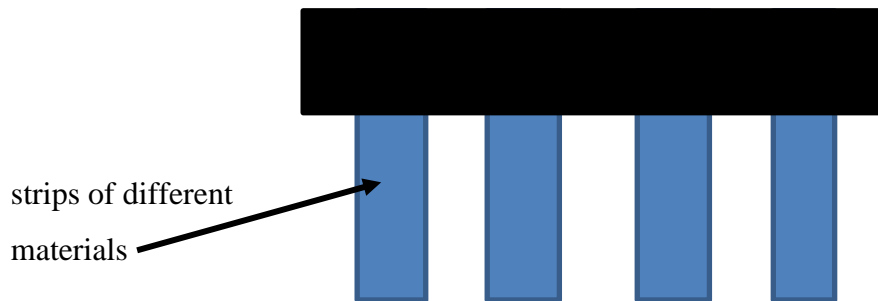
Situation B

This is dangerous because: _____

It could be made safe by:

(2, 2 marks)

6. During your Textiles Studies lessons, you carried out a number of experiments on fabrics to test for their properties. The diagram below shows one of these tests.



- a. This is a test for c_____ f_____. (1 mark)

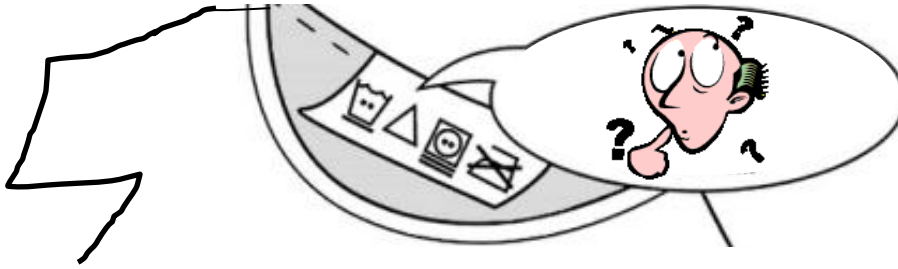
- b. The table below contains the steps for the experiment.

Fill in the missing words.

- i. Prepare samples of different _____. Cut them the same size.
- ii. Stick the samples on _____ paper.
- iii. Place it in the _____ for about _____ weeks.
- iv. Remove it and check results. If the samples get _____ in colour, this means that they are not colourfast.
- v. If the samples remain the same in colour, this means that they are colourfast.

(5 marks)

7. Chris has just bought a shirt and needs to know how to take care of it.
- a. Take a look at the care label and give the **meaning** of each care label symbol.

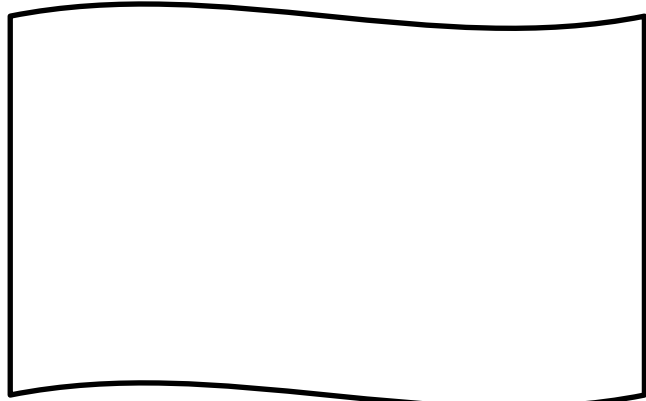


Care label symbol	Meaning

(4 marks)

- b. Use the information provided to **design** a care label in the space provided.

- Machine wash at 40°C
- Do not tumble dry
- Do not bleach
- Use a cool iron
- Can be dry cleaned

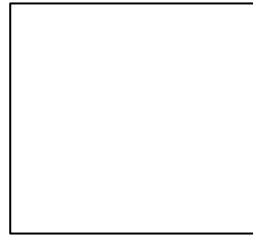


(5 marks)

8. Weaving is one method of fabric construction.

- a. Name another method of fabric construction. _____(1 mark)

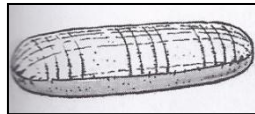
b. In the following box, draw the twill weave.



(2 marks)

c. Give one property of a twill weave. _____ (1 mark)

d. Name one use of twill weave in clothing _____ (1 mark)



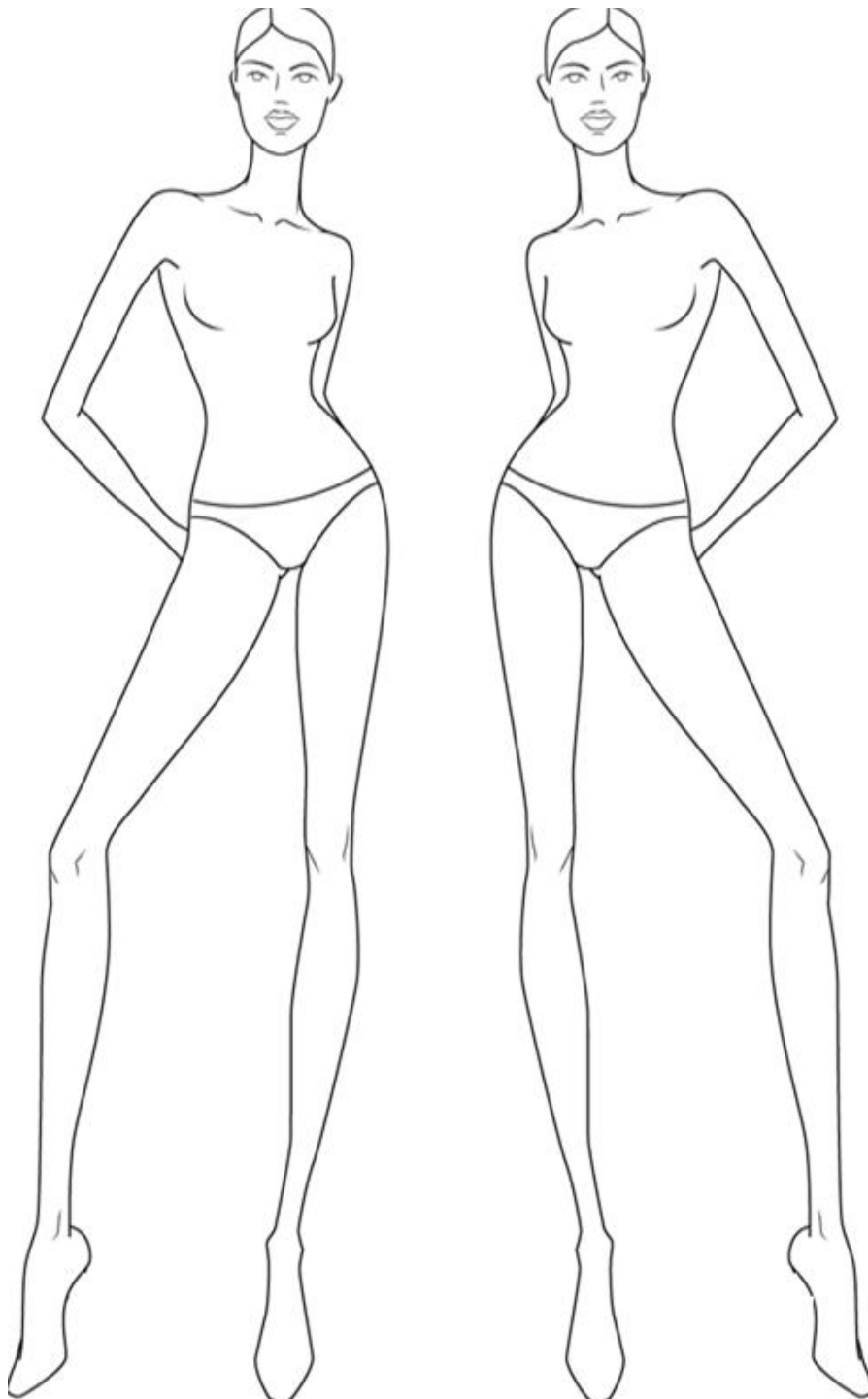
9a. All pictures are showing different types of _____ equipment. (1 mark)

b. Identify **three** pieces of equipment shown in the pictures, and **describe** the use of each.

Name of equipment chosen	Use
i. _____	_____
ii. _____	_____
iii. _____	_____

(3, 3 marks)

10. Krista is a young fashion designer who is inviting you to contribute to her new fashion collection. Her fashion theme includes floral designs and bright colours. Use the templates provided to:
- Design and colour **two** dress outfits keeping in mind Krista's fashion theme. (1, 1, 1, 1 mark)
 - Label **two** fashion features for each outfit. (1, 1 mark)
 - Include a different type of footwear for each outfit. (1, 1 mark)
 - Design and name **two** suitable accessories for each outfit. (2, 2 marks)



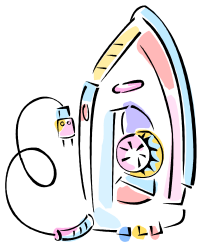
e. Explain the **benefits** of using mood boards in fashion design.

- _____
- _____

(2 marks)

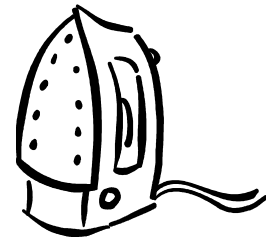
11. Anna bought an iron from a household appliance store. However, after using the iron for some time, it developed a fault. Anna decides to take action.

a. Identify **two** items that Anna needs to show when making the complaint.



- _____

- _____



(2 marks)

b. Where can Anna get more information about her consumer rights and responsibilities?

(1 mark)