

FORM 5

TEXTILES STUDIES

TIME: 1h 45min

Name: \_\_\_\_\_

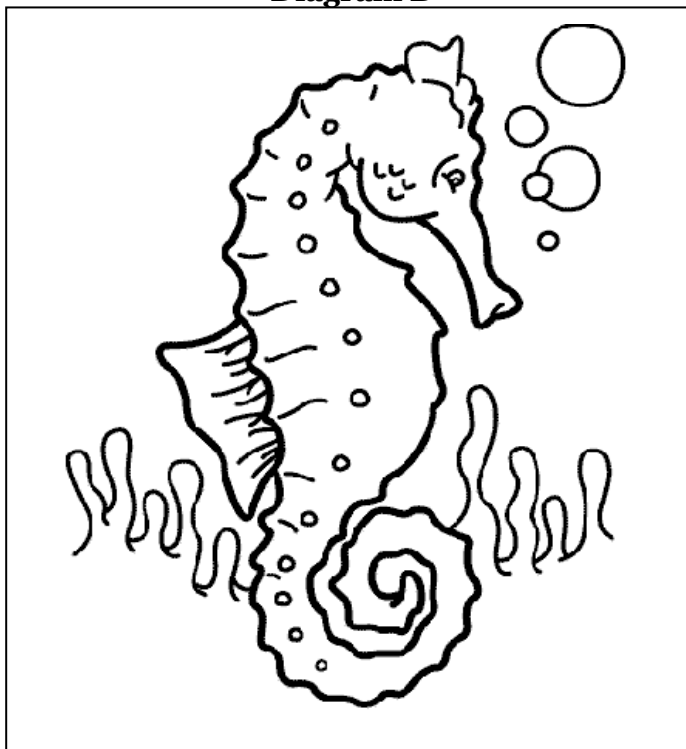
Class: \_\_\_\_\_

1. **Diagram A** shows a creative quilt found on an internet website. Its design (**Diagram B**), can be used as a source of inspiration for a fabric collage to be used in a waiting room. **On the design** mark the required information.
  - a. Name **two** techniques you can use to create an interesting fabric collage.
    - (i) \_\_\_\_\_ (ii) \_\_\_\_\_ (1, 1 marks)
  - b. Using a variety of stitches, show how you would embellish/decorate this collage. (*You need to draw and name **three** different stitches.*) (3, 3 marks)
  - c. Name **three** other things you can use to further decorate the fabric collage and give it texture. Show and colour these on the design.
    - (i) \_\_\_\_\_ (ii) \_\_\_\_\_ (iii) \_\_\_\_\_ (3, 3 marks)
  - d. Name **two** fabrics which can be used to work the design.
    - (i) \_\_\_\_\_ (ii) \_\_\_\_\_ (1, 1 marks)
  - e. Colour your design. (5 marks)

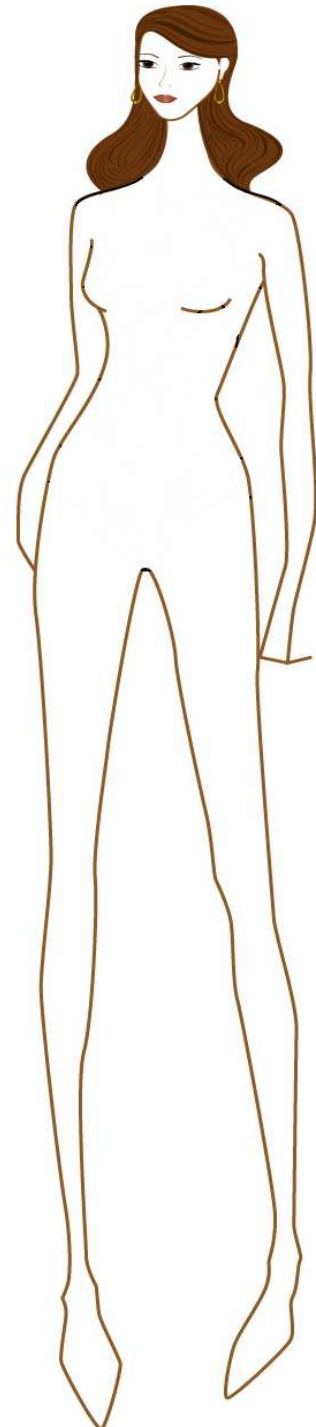
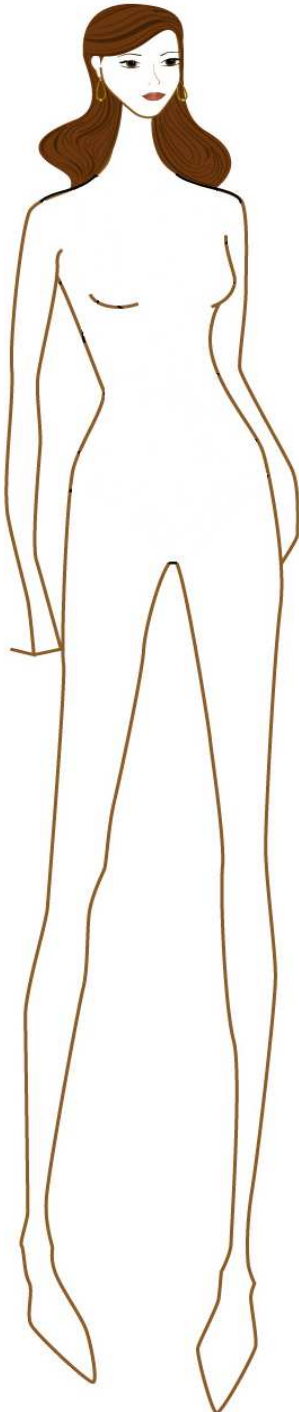
**Diagram A**



**Diagram B**



2. A young fashion designer wants to launch her first collection.
  - a. On the figure templates provided, sketch **two** suitable items of clothing for teenagers for a special occasion. (*An example is provided to help you*) (3, 3 marks)
  - b. Label your sketches naming and showing clearly the style details of each garment. (2, 2 marks)
  - c. Draw accessories and shoes/sandals to match each outfit. Draw these on the figure template provided. (3, 3 marks)
  - d. Colour in your designs. (1½, 1½ marks)



3. A sewing machine must be handled properly to last long and be safe to use.

a. Name **two** safety rules to be observed when using a sewing machine.

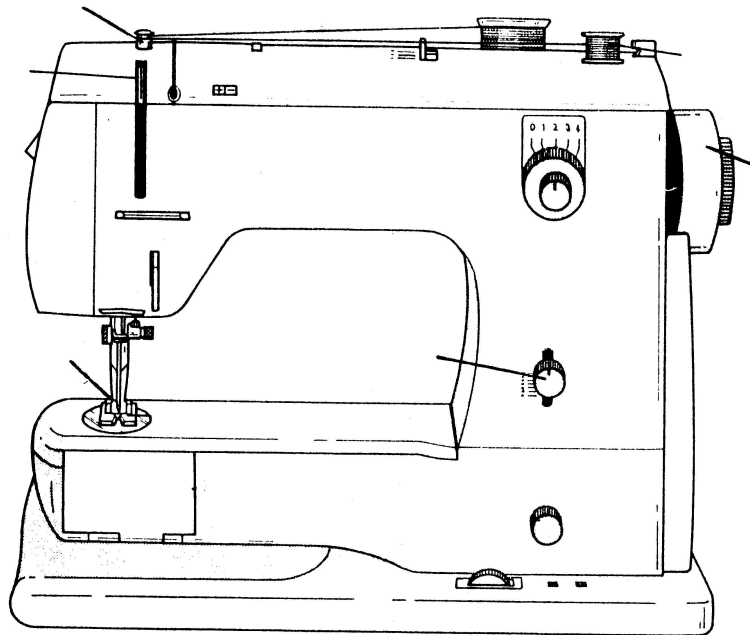
(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(2 marks)

b. The diagram shows a basic sewing machine.

Name **three** of the marked parts indicated by the arrows. Explain the use of each part.



**Name:**

**Use:**

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

(3, 3 marks)

c. Attachments are sometimes included with a new sewing machine. One such attachment is the buttonhole foot. Explain how this attachment can be helpful when sewing.

\_\_\_\_\_

\_\_\_\_\_ (2 marks)

d. Your sewing machine developed a fault when still under guarantee. State **two** rights which you, as the consumer, have in this case.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(2 marks)

4. **How many textile items go into our rubbish bin?**

The average person throws away **450kg of waste each year!**

That means that each person throws away the equivalent of **45 T-Shirts a year!**

a. List **three** ways how you can recycle/reuse textile items.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_



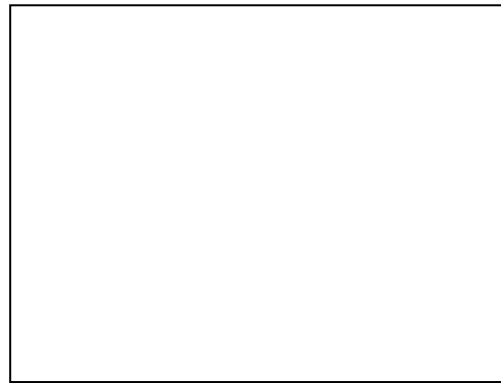
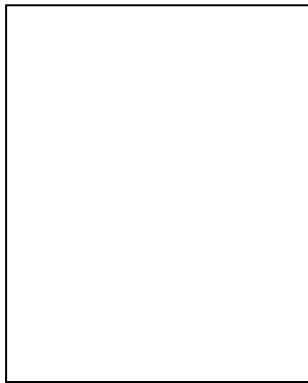
x 45

(3 marks)

b. Using clear, labelled diagrams and short notes, explain how you can recycle **one** textile item of your choice, showing before and after sketches. Colour your sketches carefully, and make sure that your working is neat and that the instructions are not hidden.

**Old item:** \_\_\_\_\_

**New item:** \_\_\_\_\_



(1, 1, 4, 3 marks)

5. **Read this information about Acrylic and then answer the questions that follow.**



Acrylic fabric is used widely in knits, as **upholstery** covering, and the fibres may be woven to make rugs. People often think of acrylic fabric as an excellent **wool** substitute, and certain forms of it are exceptionally soft, while remaining lightweight.

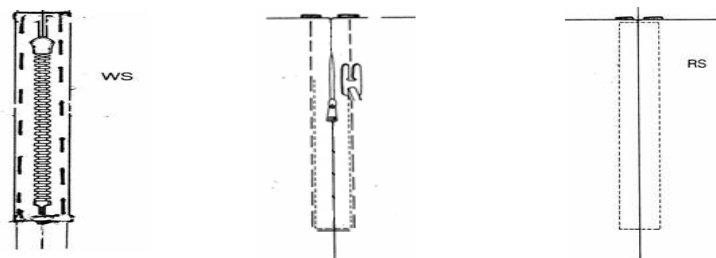
A Company developed a chemical process called Pil-Trol® that keeps acrylic fabric from pilling. This has proven helpful, but acrylic fabric still requires gentle care, may need to be dry-cleaned or at the very least washed in cold water on gentle cycle in your washing machine. The more carefully you treat acrylic fabric, the more likely the garment will last longer and retain a “new” appearance. Acrylic fabric has grown popular in a variety of sports garments. You will often have to purchase acrylic socks for kids playing baseball, football or soccer. Socks in acrylic fabric are a great choice because they keep their shape and can be highly elastic. They may be a better choice for hikers, because you are far more likely to get blisters from **cotton** blend socks than from those made of acrylic. Acrylic fabric is favoured for a variety of other

reasons. It is warm, can be quite soft, holds colour well, and is both stain and wrinkle resistant. These can make acrylic fabric a popular choice, and for those who love wool but are allergic to it, acrylic can be an excellent substitute. Many prefer acrylic to natural fibres because it tends to be easier to care for.

- a. Name **two** uses of acrylic fabric.
    - (i) \_\_\_\_\_ (ii) \_\_\_\_\_ (2 marks)
  - b. Acrylic is a good substitute for \_\_\_\_\_. (1 mark)
  - c. Pil-Trol® is a fabric finish used on Acrylic to control \_\_\_\_\_. (1 mark)
  - d. Why are Acrylic socks a better choice for hikers than those made from a cotton blend?
 

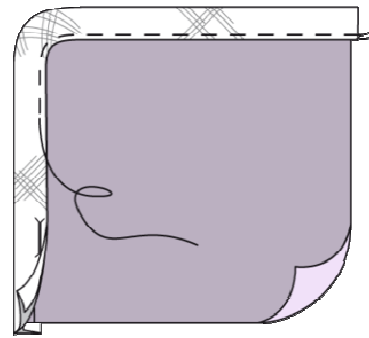
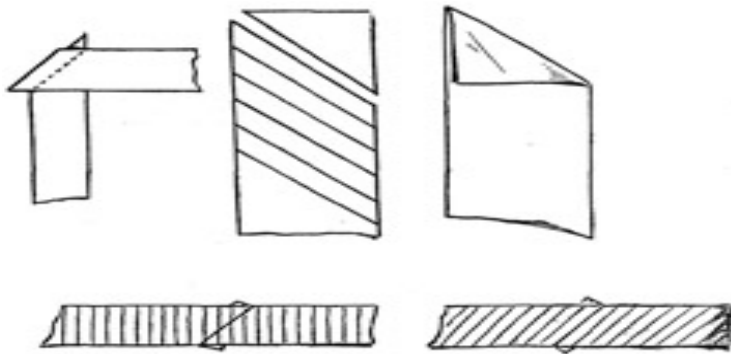
\_\_\_\_\_ (2 marks)
  - e. Name **two** properties of acrylic.
    - (i) \_\_\_\_\_ (ii) \_\_\_\_\_ (2 marks)
  - f. How would you wash an Acrylic top to keep it in good condition?
 

\_\_\_\_\_ (1 mark)
  - g. Acrylic is a fibre belonging to the \_\_\_\_\_ group. (1 mark)
  - h. Acrylic is a thermoplastic fibre and can be permanently \_\_\_\_\_. (1 mark)
6. Zippers are a means of fastening a garment.
- a. Using the following diagrams, explain how to insert the zipper in a seam.



- (i) \_\_\_\_\_
  - (ii) \_\_\_\_\_
  - (iii) \_\_\_\_\_
  - (iv) \_\_\_\_\_
  - (v) \_\_\_\_\_
  - (vi) \_\_\_\_\_ (6 marks)
- b. Name another use of a zipper. \_\_\_\_\_ (1 mark)

7. A crossway strip is used to neaten and decorate edges of garments and household items.
- a. Explain how to cut and join crossway strips in preparation for attaching to the edge of a garment.



- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_
- (iii) \_\_\_\_\_
- (iv) \_\_\_\_\_
- (v) \_\_\_\_\_

(5 marks)

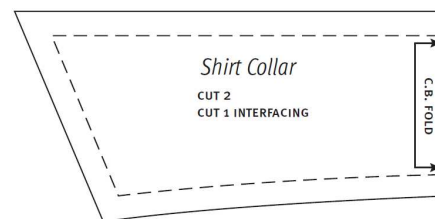
- 8a. Name **one** pattern markings found on this pattern piece and explain the use of the marking.

**Name**

\_\_\_\_\_

**Use**

\_\_\_\_\_



- b. Why are pattern markings important? Give **one** reason.

\_\_\_\_\_

\_\_\_\_\_ (1, 2, 2 marks)

9. Explain how you would launder a cotton T shirt which has a lipstick stain on it. Include instructions for removing the stain and care label symbols for washing, drying and ironing.

- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_
- (iii) \_\_\_\_\_
- (iv) \_\_\_\_\_
- (v) \_\_\_\_\_



Washing



Drying



Ironing



(5, 3 marks)