

JUNIOR LYCEUM ANNUAL EXAMINATIONS 2010

Directorate for Quality and Standards in Education
Educational Assessment Unit

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FORM 4

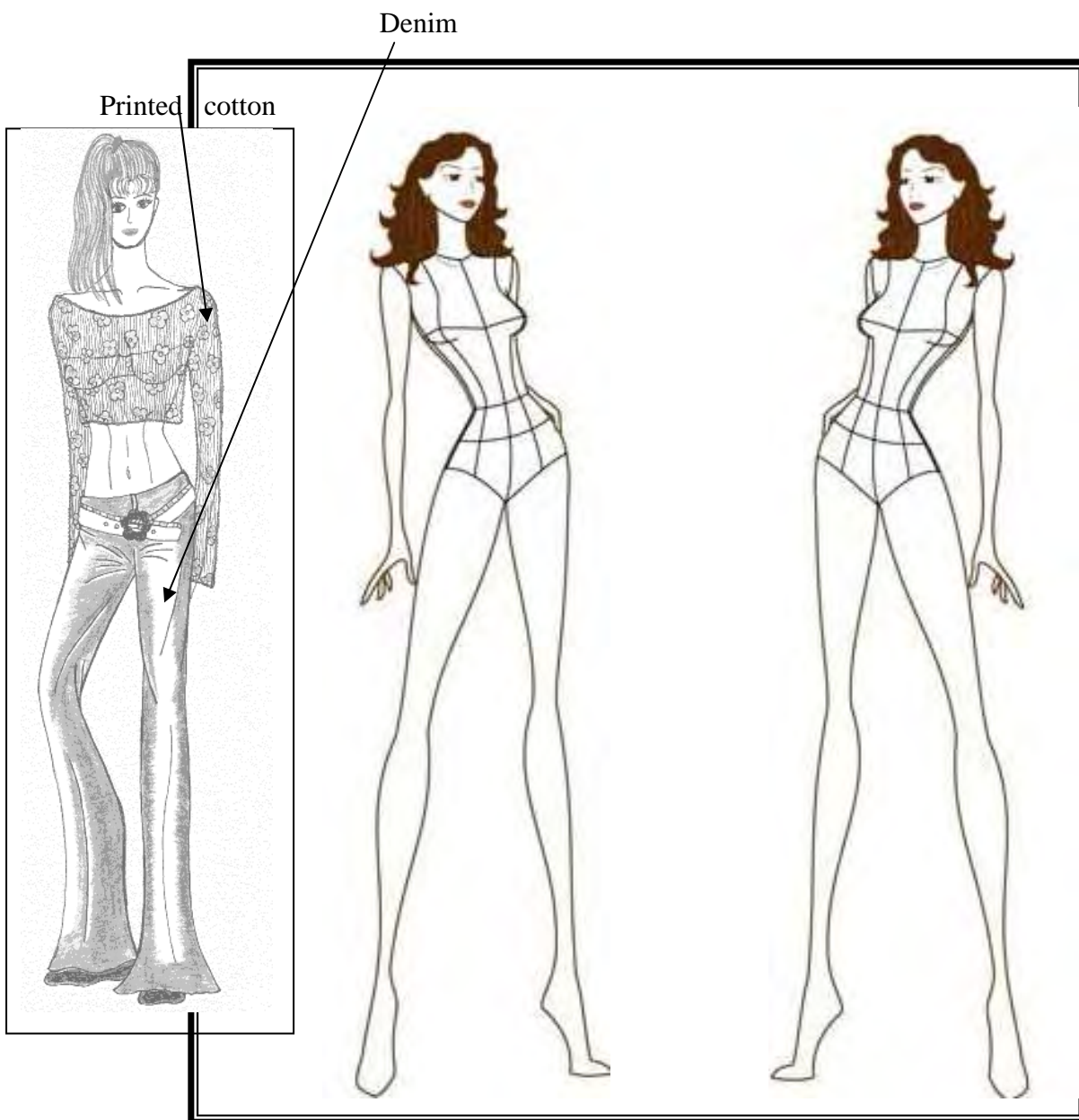
TEXTILES STUDIES

TIME: 1h 30 min

Name: _____

Class: _____

- 1a. Fashion Drawing is an important part of a fashion designers' work. Using the following figure templates, draw **two** types of trousers suitable for a summer birthday party. Include tops to match. Give details of fabrics (trousers and tops) and colours used to make each outfit. Label everything on the templates.



(3, 3, 3, 3, 2, 2, marks)

- b. What is a mood board? Why do fashion designers create mood boards?

 _____ (3 marks)

- c. Give a reason for your choice of fabrics in question 1a.

 _____ (2 marks)

2. Read the paragraph about polyester. Then answer the questions about this fibre.

Polyester is the number one synthetic fibre used in fabrics, worldwide. It tends to be an inexpensive fibre to produce and its general characteristics have allowed for the creation of inexpensive clothing and fabrics, which transformed the textile industry in 1941. The largest innovation in polyester was the recent discovery of microfibres. This discovery allowed polyester manufacturers to transform the texture and feel of polyester into a super-soft, durable, lightweight fabric. The properties of polyester fabrics include: superior strength and resilience; lightweight; hydrophobic (it feels dry or moves moisture effects away from touch); it has an unusually high melting point; is resistant to dyes, solvents and most chemicals; stain resistant; quick drying; wrinkle, mildew and abrasion resistant; retains heat-set pleats and creases and is easy to launder.

- a. Why is polyester a popular fibre?

_____ (1 mark)

- b. Which discovery has transformed the texture and feel of polyester?

_____ (1 mark)

- c. Name **two** properties which make it ideal for holiday wear when packing in a suitcase?

_____ (2 marks)

- d. Polyester retains pleats well. Why is this property useful?

 _____ (2 marks)

- e. Name a garment and a soft furnishing item which would ideally be made from polyester. Give a reason for your choice.

Garment _____ Soft Furnishing _____
 Reason _____
 _____ (2, 2 marks)

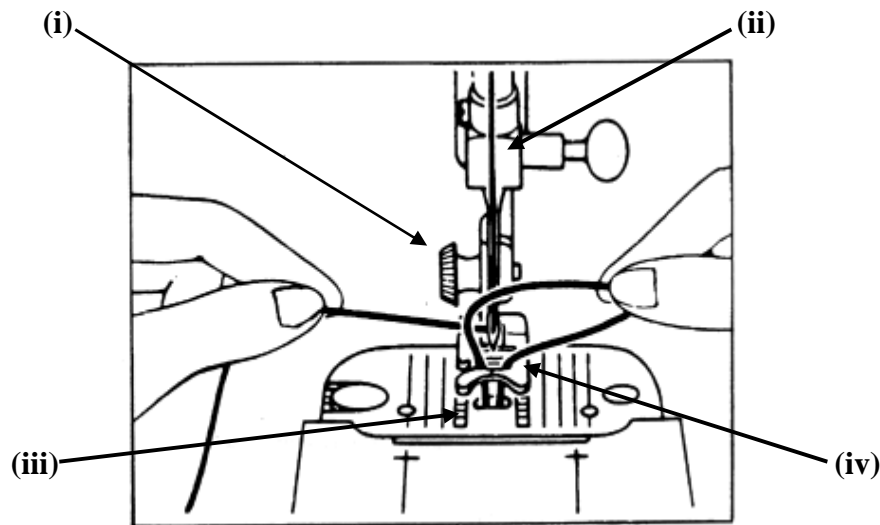
- f. Polyester is a synthetic fibre. Name **one** other synthetic fibre.

_____ (1 mark)

3a. What action/function of the sewing machine is shown in the picture below?

(1 mark)

b. Name the parts indicated by the arrows. State the use of each part.



Parts

Use

- | | |
|-------------|-------|
| (i) _____ | _____ |
| (ii) _____ | _____ |
| (iii) _____ | _____ |
| (iv) _____ | _____ |

(4, 4 marks)

c. Your sewing machine is making looped stitches. Give a reason for this. Explain how you can eliminate (fix) this problem.

Reason for looped stitches _____

Solution/Remedy _____

(1, 1 marks)

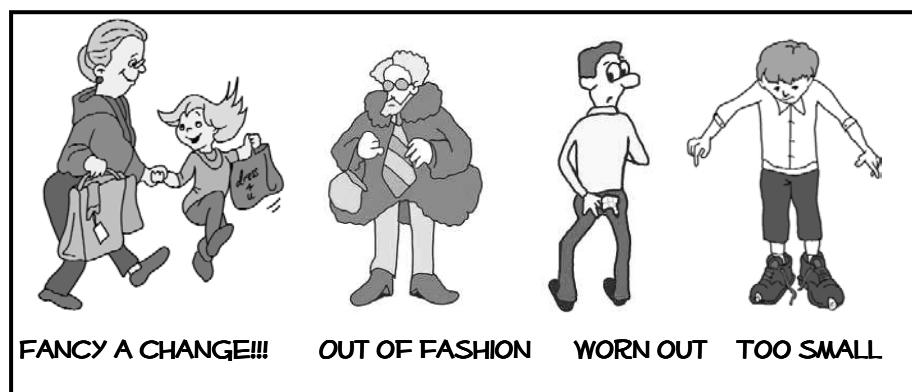
d. How can you take care of your sewing machine to keep it in good working order.

(3 marks)

e. List **three** rights of consumers when buying new appliances such as sewing machines.

- | | |
|-------------|-----------|
| (i) _____ | |
| (ii) _____ | |
| (iii) _____ | (3 marks) |

4. Recycling textiles helps in protecting the environment. Before shopping for new textile items we need to consider the implications. Many items can be reused.



- a. Select **three** items from the pictures and name a new item that can be made from each.

Old Items

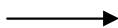
New Items

- (i) _____
 (ii) _____
 (iii) _____ (3 marks)

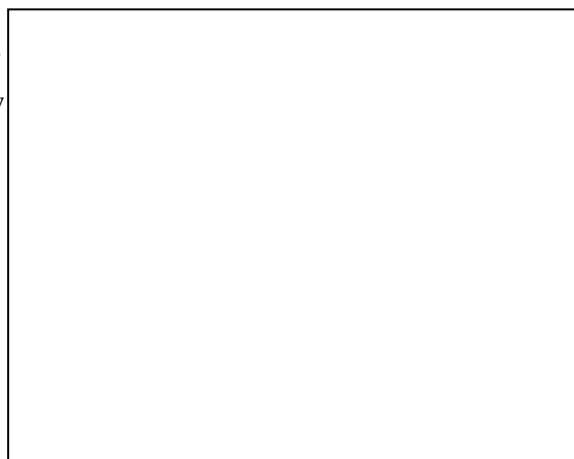
- b. Sketch a detailed diagram of **one** of the items showing clearly how the fabric can be reused. Label the diagram properly and name the new item created.

Name _____

Old item



New Item



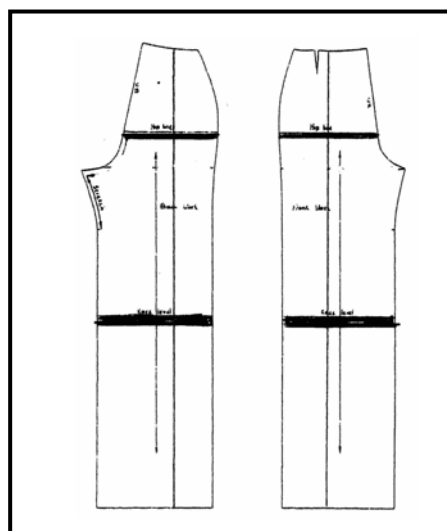
(1, 1, 5 marks)

5. The diagram shows the pattern of a pair of trousers.

- a. Name the alteration shown.

_____ (1 mark)

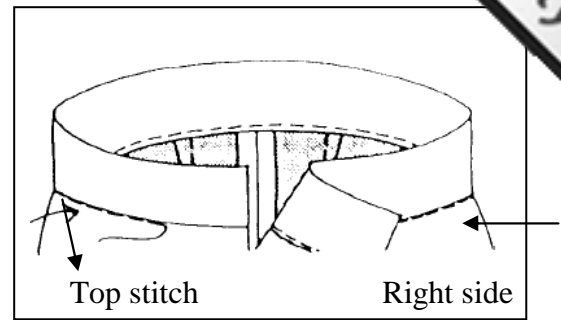
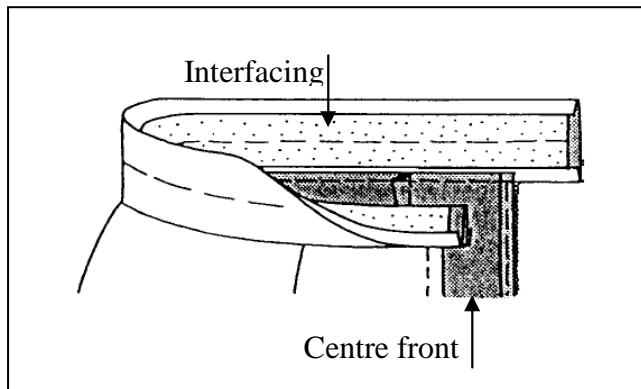
- b. Explain how you would carry out the alteration. Show all details on the diagram.



(3, 3 marks)

6. The diagrams show the attaching of a waist band to a pair of trousers.

Explain how to attach the waistband.



- (i) _____
- (ii) _____
- (iii) _____
- (iv) _____
- (v) _____
- (vi) _____ (6 marks)

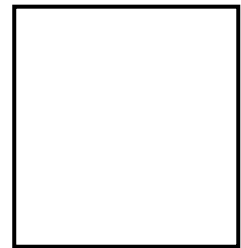
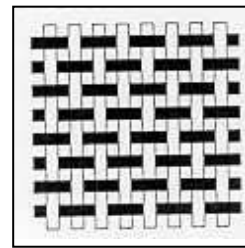
7. Weaving is a method of fabric construction.

There are many types of weaves.

a. Name the weave in the diagram.

_____ (1 mark)

b. Draw **one** other type of weave. (3 marks)



c. The picture shows cushions made with weaving.

Draw weave here

List **two** things needed to make the cushions.

(i) _____

(ii) _____

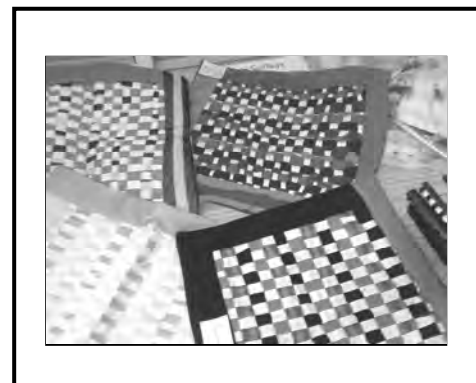
(2 marks)

d. Name **two** other articles that can be made with weaving.

(i) _____

(ii) _____

(2 marks)



e. Woven fabric frays and is firm. It does not stretch.

Which type of knitting stretches and ladders in wear?

Circle the correct **one** from the box.



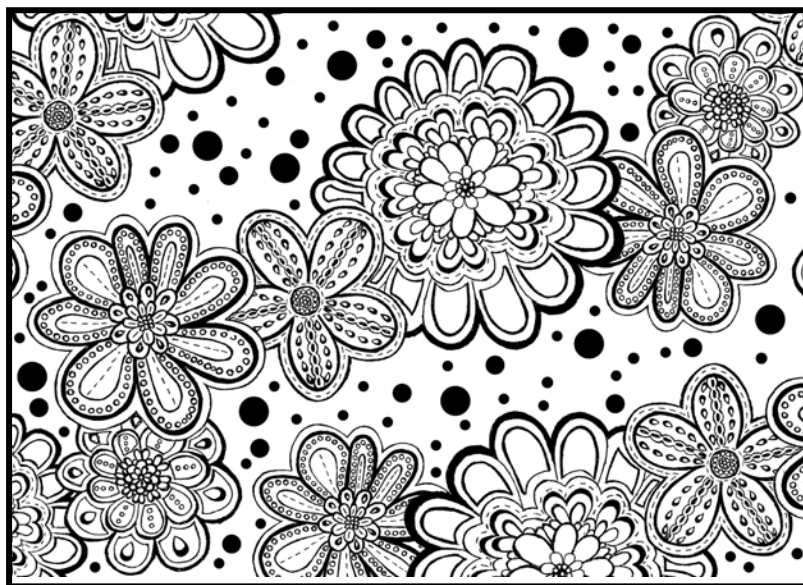
WEFT KNITTING
WARP KNITTING

(1 mark)

8. The diagram shows a floral design for a wall hanging.

a. Where would you put this wall hanging? Why?

(1, 2 marks)



b. Name **two** techniques (methods) you would use to make the flowers.

(i) _____

(ii) _____

(2 marks)

c. Explain **one** technique in detail.

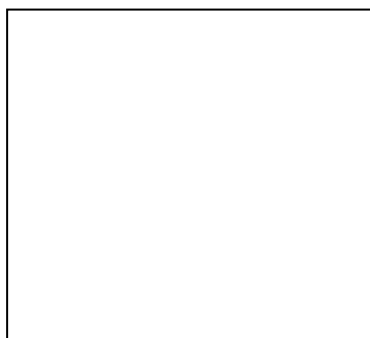
(4 marks)

d. Name and draw **three** embroidery stitches you would use to make up the design. Draw the stitches also on the design.

| | |
|--|-------|
| | _____ |
| | _____ |
| | _____ |

(3, 3 marks)

e. Using the same flowers, draw a design for a cushion in the box provided above. Colour your design.



(4 marks)