

FORM 4

TEXTILES STUDIES

TIME: 1h 30min

Name: _____

Class: _____

1. A young child has grown out of one of her favourite dresses shown at the side.
Instead of putting it away, her mother decides to make some alterations to the dress so that the young girl could still wear it.



- a) Suggest **three** alterations that could be made to the dress.

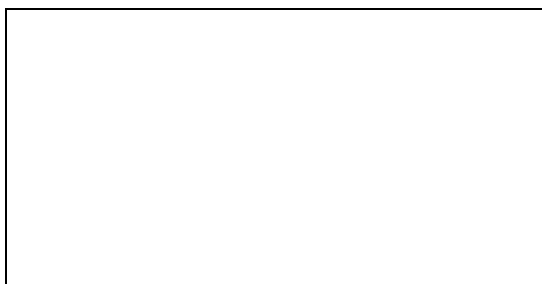
- _____
- _____
- _____

(3 marks)

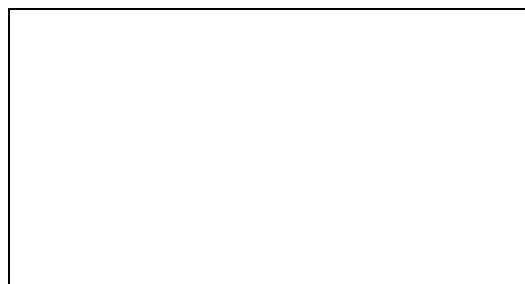
- b) Sketch the dress after making any **one** of the suggested alterations. Draw front and back views.

(1, 1 marks)

- c) Sleeves can be added to this child's dress. Draw and name **two** types of sleeves that can be attached to this dress.



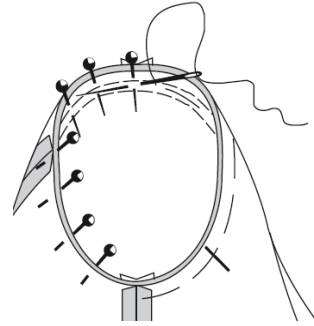
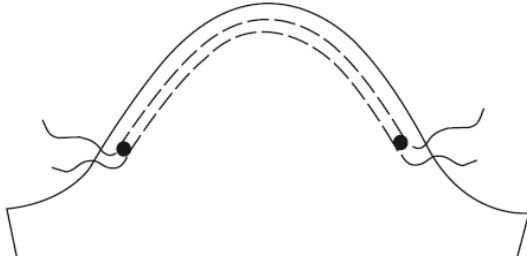
Name of sleeve 1:



Name of sleeve 2:

(2, 2 marks)

d) Using the following diagrams as a guide, describe how to attach the sleeve to this c



- i. _____
- ii. _____
- iii. _____
- iv. _____

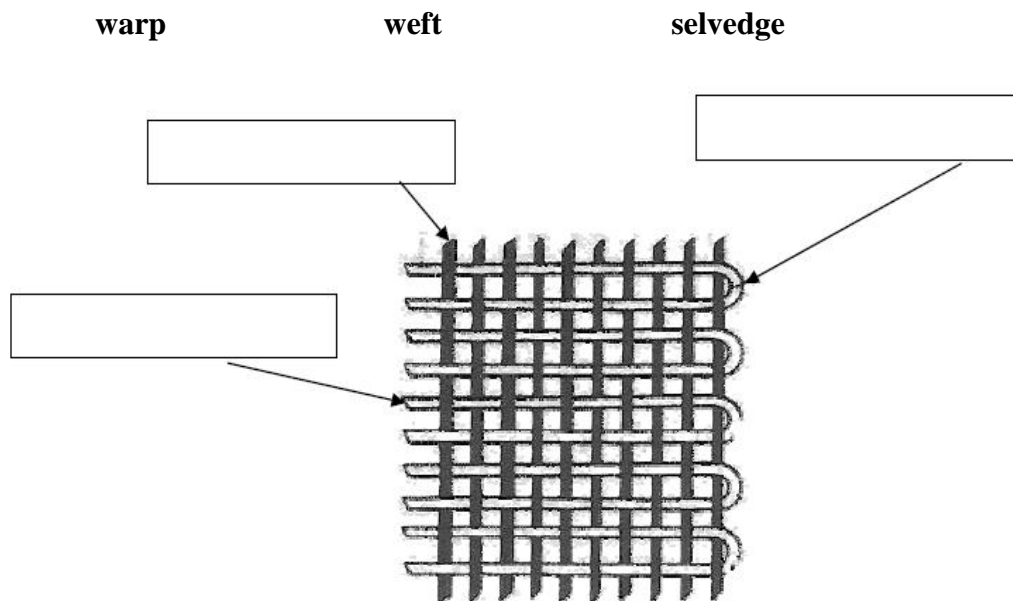
(1 ½, 1 ½, 1 ½, 1 ½ marks)

e) Patterned and plain fabrics team well together. Sketch an item for a child's bedroom which can be made from this combination of fabrics. On the sketch, mark which is the plain and which is the patterned fabric.

Item: _____

(3 marks)

2a) Label the diagram below by placing each of the following terms in the correct box.



(3 marks)

b) Name the weave shown above.

- _____

(1 mark)

c) A fabric using this weave is made from 100% cotton. Name **three** properties of this cotton fabric.

- _____
- _____
- _____

(3 marks)

d) Fibres are sometimes blended with other fibres. Describe what is meant by fibre blend.

- _____
- _____

(1 mark)

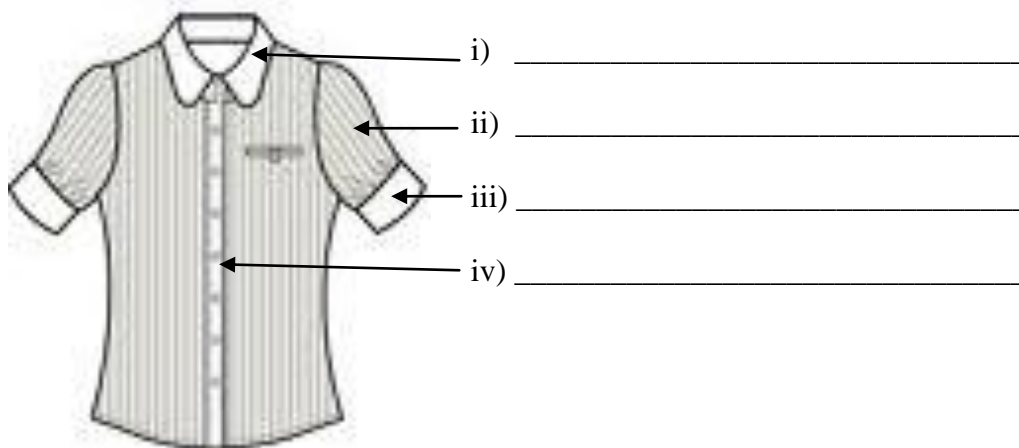
e) What are the properties of a blend of 70% polyester and 30% cotton fabric?

- _____
- _____
- _____

(3 marks)

3. Blouses are highly fashionable this year.

a) Name the style features marked with an arrow on the Summer Blouse.



(2 marks)

b) Design a Winter Blouse (front and back) with collar and sleeves.

Front View	Back View

(2 marks)

c) Calculate the amount of fabric needed to make the winter top if the fabric is 150 cm wide.

Amount of fabric needed: _____

(2 marks)

d) Suggest a fabric suitable to make this winter top. Give a reason for your choice.

Fabric: _____

Reason: _____

(1, 2 marks)

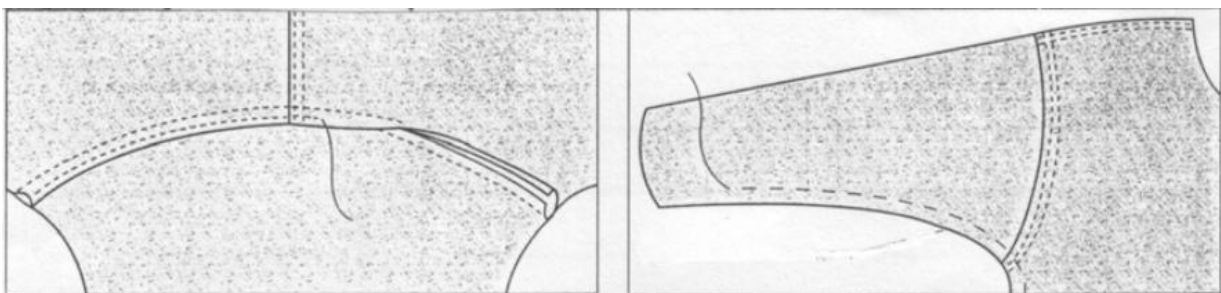
e) Draw the cutting layout of the pattern pieces of the winter top on 150cm wide fabric

(4 marks)

f) Label the selvedge and fold on the above diagram.

(1 mark)

g) The sleeve in the picture is stitched to the shoulder seam with a double stitched seam.
Using the following diagrams, describe how to work this seam.



i. _____

ii. _____

iii. _____

(3 marks)

4. A Textiles Studies Department wishes to buy new sewing machines for use. The machines must be lightweight and easy for the students to use in the classroom.
- a) Study the information below and choose the most suitable sewing machine for the department to buy.

Information about sewing machines			
	Sewing Machine A	Sewing Machine B	Sewing Machine C
Stitches	<ul style="list-style-type: none"> 15 pre-set utility stitches 32 embroidery stitches 	<ul style="list-style-type: none"> 10 utility stitches 35 embroidery stitches 	<ul style="list-style-type: none"> 8 utility stitches 20 embroidery stitches
Features	<ul style="list-style-type: none"> threading guide on machine integral needle threader adjustable speed control supplied with lightweight carry case 	<ul style="list-style-type: none"> threading guide on DVD removable needle threader 2-speed control optional table available to purchase 	<ul style="list-style-type: none"> threading guide in booklet integral needle threader single speed control supplied with a plastic cover
Weight	4.9 kg	8.5 kg	5.9 kg
Price	€300	€440	€375

Tick (✓) **one** of the boxes below to indicate your choice.

- i. Sewing Machine A ☐
- ii. Sewing Machine B ☐
- iii. Sewing Machine C ☐

(1 mark)

- b) Give **two** reasons for your choice.

- _____
- _____
- _____
- _____

(4 marks)

- c) Explain the function of the following sewing needles.

- i. Ball point needle: _____
- _____
- ii. Twin needle: _____
- _____

(2 marks)

d) List **three** safety rules which should be considered when using a sewing machine.

- _____
- _____
- _____

(3 marks)

e) Apart from the sewing machines, the Department needs to invest in the purchase of a good quality iron. List **three** points to consider when choosing an iron.

- _____
- _____
- _____

(3 marks)

f) The Department of Textiles Studies opted for a steam iron. State the difference between a steam iron and a dry iron.

 _____ (2 marks)

g) A steam iron requires the use of distilled water. Why is this so?

_____ (1 mark)

h) Some garments require pressing and/ or ironing. Both can be done using an iron. Explain the difference between pressing and ironing.

(2 marks)

i) While pressing or ironing clothes, it is important to keep in mind the correct temperature to use. Draw the ironing symbol to give the correct heat setting for:



Polyester mixed with other fibres



Nylon

(2 marks)

j) What is the use of a thermostat inside an iron?

_____ (1 mark)



5. A newly married couple are planning to do their first family wash.

a) Name **two** steps to follow before washing clothes.

- _____
- _____

(2 marks)

b) Explain why the couple should consider the following while preparing to wash their clothes:

- Use phosphate free detergent: _____

- Reduce the use of hot water: _____

- Dry clothes outside: _____

(3 marks)

c) It is sometimes necessary to have a garment dry cleaned. Why are some fabrics dry cleaned rather than washed?

_____ (1 mark)

d) Textile products include care labels to show the consumer how to look after them.

Look at the care label shown.

Sketch below any **three** symbols and explain their meaning.



Symbol

Meaning

i.

--

ii.

--

iii.

--

(3 marks)

- 6a) Using the following figure template, design **two** different tops/ blouses to be worn by a teenage friend. (2, 2 marks)
- b) Design a trouser and skirt to match with each top/ blouse. (2, 2 marks)
- c) Label, name and describe three fashion features of the outfits next to the figure templates. (3, 3 marks)
- d) Design a boots/ shoes and one accessory to go with each outfit. (1, 1, 1, 1 marks)
- e) For which occasion would each outfit be useful? Give a reason for your choice.

Outfit 1: _____

Reason: _____

(1, 2 marks)

Outfit 2: _____

Reason: _____

(1, 2 marks)

