

Annual Examinations for Secondary Schools 2015

FORM 4

TEXTILES STUDIES

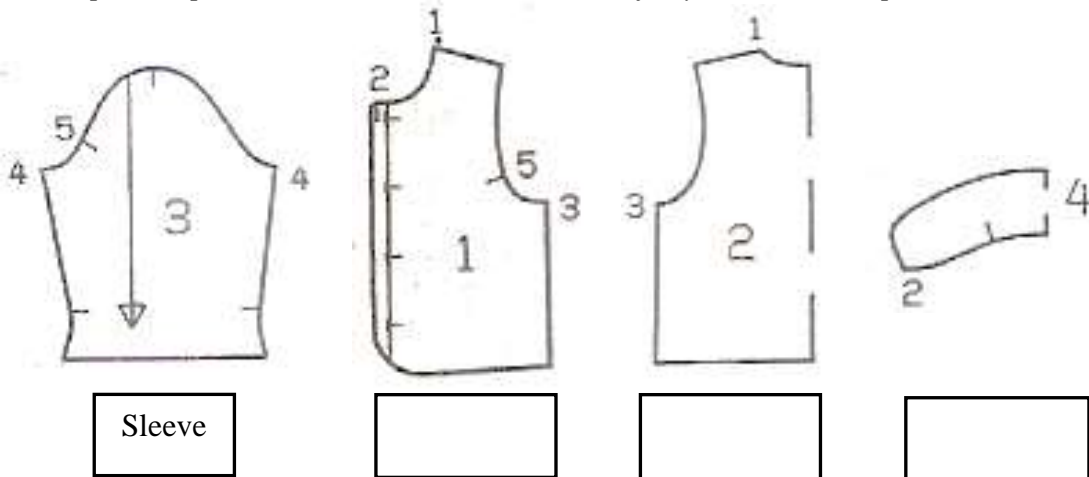
TIME: 1h 30min

Name: _____

Class: _____

1. Below are the pattern pieces of a child's blouse.

a) Name each pattern piece. One of them has been done for you as an example.



(3 marks)

b) Using the above pattern pieces, draw the cutting layout of this blouse on 1.5m wide fabric. The fabric is one-way design.

Identify the fold and selvedge.



(5 marks)

c) Draw the front view and back view of the blouse using the pattern pieces provided.

Front View	Back View
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(4 marks)

d) Name **two** points you would keep in mind when choosing fabric for this blouse.

- _____
- _____

(2 marks)

e) When sewing the pattern pieces together, they should be placed _____ sides facing each other. (1 mark)

f) A dressmaker's carbon paper and a tracing wheel are suitable to use on the pattern pieces of the blouse. Name their use.

_____ (1 mark)

g) Appliqué is going to be used to decorate the front of the child's blouse.

i) Define appliqué.

_____ (1 mark)

ii) Draw a simple design suitable for the appliqué which is to be attached on the front of the child's blouse.



(2 marks)

iii) Identify **two** materials needed to make your design.

☛ _____ ☛ _____

(1 mark)

iv) What would you use to attach the appliqué to the blouse?

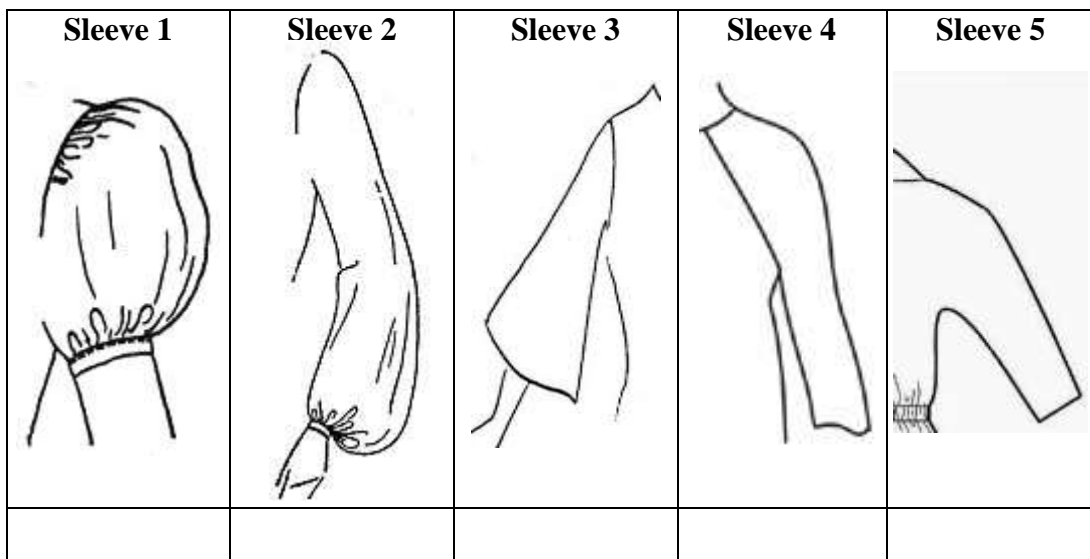
_____ **(1 mark)**

h) As children are very active, the blouse is subject to stains. Describe how you would treat a protein stain on this blouse.

(1 mark)

2. Various types of sleeves are used on different clothing.

a) i. Study the sleeves below and name each one.

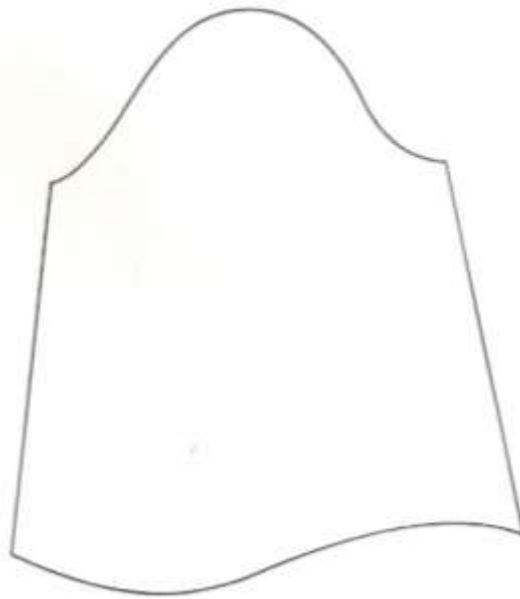


(5 marks)

ii. What do sleeves 1, 2 and 3 have in common?

_____ **(1 mark)**

b) On the sleeve pattern piece provided below:



i. Label with an arrow the crown of the sleeve.

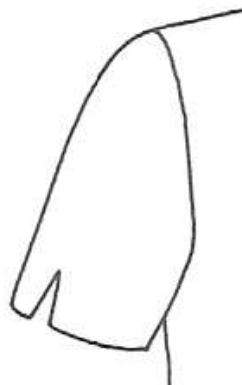
(1 mark)

ii. Draw:

- The position for the easing;
- The lengthening or shortening line;
- The straight grain arrow.

(3 marks)

c) This type of sleeve has an opening.

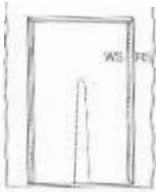


i. Name the type of opening being used.


(1 mark)

ii. State how to make this type of opening by numbering the steps in order.

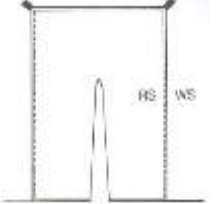
○ Machine making a blunt point at the end.



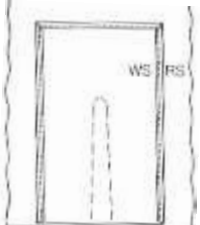
○ Cut a rectangle of fabric on the straight grain, 5cm longer than the opening and 7.5 cm wide, which is to be used as the facing. Neaten the two longer edges and mark the centre line with tailor's chalk.



○ Using the iron, turn the facing through to the wrong side. Press flat and bar tack corners.



○ Apply the fabric to the garment, putting right sides together and the centre line over the mark for the opening. Pin and tack from 0.5 cm on one side of the centre line to 0.5 cm on the other side via the marked end of the opening.



○ Cut the slit.



(5 marks)

3. Crossway strips are used on the edges of garments.

a) A crossway strip should be cut on the _____.

(1 mark)

b) What is commercially bought crossway strip called?

_____ **(1 mark)**

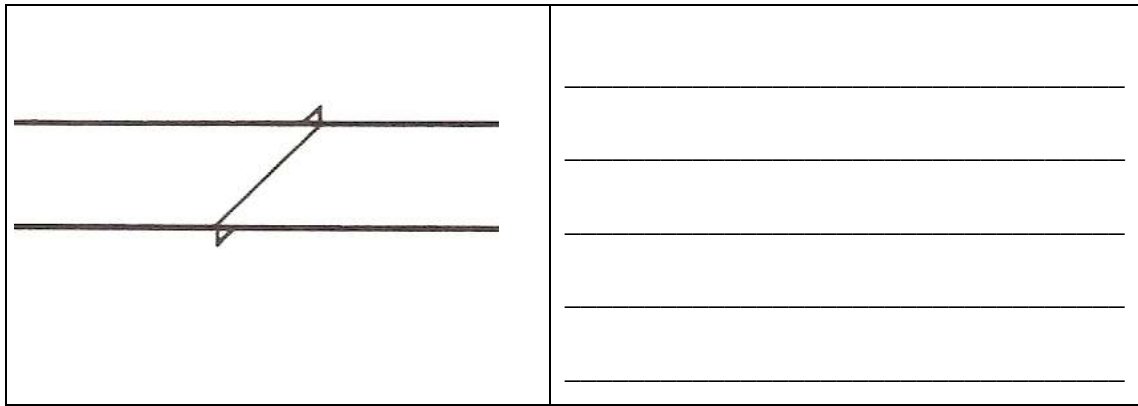
c) On the dress below, label with an arrow **two** places where crossway strip is used.



(2 marks)

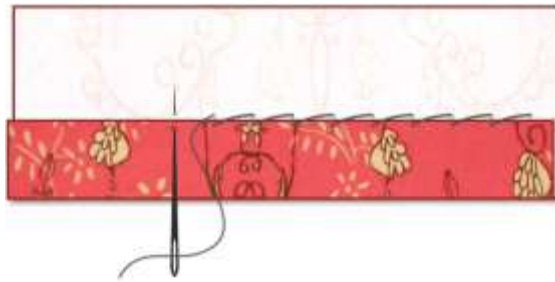
d) With the help of the diagrams provided, explain how to cut and join a crossway strip.

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(8 marks)

e) This stitch is worked by hand to secure the crossway strip on the wrong side. Name this stitch.



(1 mark)

4. Answer the following question about facings.

a) Fill in the blanks with the words provided.

edges

support

inside

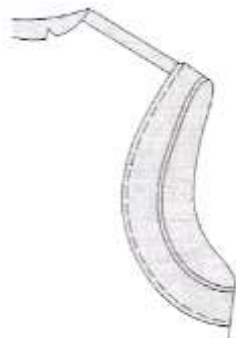
decoration

Facings are usually attached at the _____ of the garment to finish the _____. They also provide _____ and reinforcement at openings.

They may be used as _____.

(2 marks)

b) Extended facing and shaped facing are two types of facings. Which of the following is the extended facing and shaped facing?



_____ facing



_____ facing

(1 mark)

c) An iron-on _____ is attached to the wrong side of the facing to give strength.

(1 mark)

5. Polyester is a *synthetic* fabric. It has many useful properties which make it suitable for outdoor use, one of which is being *hydrophobic*.

a) Define the terms in italics.

- Synthetic: _____
- Hydrophobic: _____

(2 marks)

b) Name **two** outdoor items which polyester can be used for.

_____ (2 marks)

c) Name **two** properties, different from the one mentioned, which make polyester suitable for outdoor items.

☛ _____ ☛ _____

(2 marks)

d) Polyester is widely used in clothing.

i. Name **two** types of clothing that polyester is commonly used for.

☛ _____ ☛ _____

(2 marks)

ii. Polyester is suitable to set into pleats as it is thermoplastic. What does *thermoplastic* mean?

_____ (1 mark)

iii. Fill in the care label symbols below, stating how you would launder and care for polyester garments.



(1 mark)

iv. This drying symbol is attached to a polyester garment. Give the exact meaning of this drying symbol.



Meaning: _____

(1 mark)

v. Polyester garments need to be rinsed in a fabric conditioner when being washed. Why is this needed?

_____ (2 marks)

6. This is an acrylic jersey which Maria is going to take in her luggage for a winter holiday.



a) Name **three** properties which make this acrylic jersey suitable to take on a winter holiday.

- _____
- _____
- _____

(3 marks)

b) Acrylic resembles a natural fabric but has improved properties. Name this natural fibre.

(1 mark)

c) Name **three** fabrics in the acrylic group.

- _____
- _____
- _____

(3 marks)

d) Name **one** disadvantage of an acrylic garment.

_____ (1 mark)

e) List **two** other uses of acrylic.

- 💡 _____
- 💡 _____

(1 mark)

7. Nowadays, most of the fabrics have a blend or a mixture.

a) Point out the difference between a blend and a mixture.

Blend: _____

Mixture: _____ (2 marks)

b) What is the purpose of a blend or a mixture? Give **one** reason.

_____ (2 marks)

c) Give **one** reason, other than that for question 7(b) above, why natural fibres are often blended with regenerated fibres.

_____ (2 marks)

d) This jeans is blended with cotton and elastane.

i. Give a suitable percentage for this jeans blend.

_____ % Cotton
_____ % Elastane



(1 mark)

ii. List **two** properties of a cotton and elastane blend.

- _____
- _____

(2 marks)

e) Suggest a suitable blend for a pair of socks and give a reason for your answer.

Blend: _____

Reason: _____

(3 marks)

8. Three-year-old Martha needs a new dress for her village feast.

a) On the template provided below, design the front view of her dress. Label your work. (4 marks)

b) Colour your design. (2 marks)

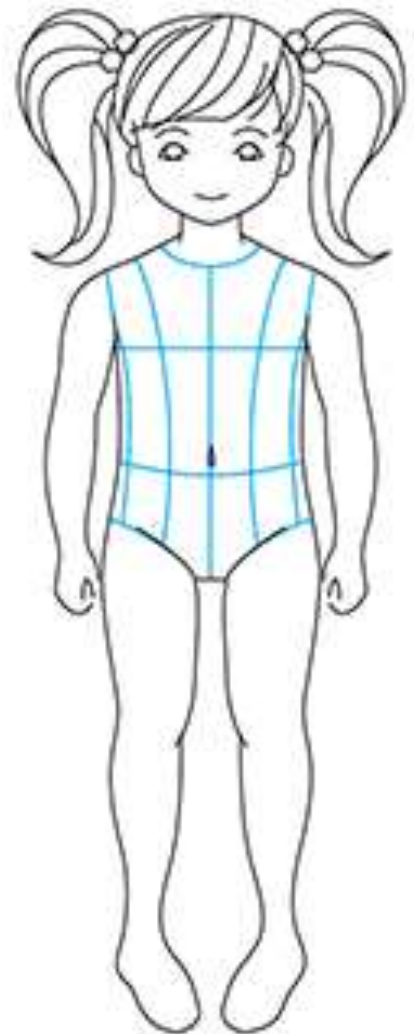
c) A frill is a trimming which is commonly used to decorate children's clothes.

i. Name another trimming which can be used on children's clothes.

(1 mark)

ii. List **one** point to keep in mind when choosing fasteners and trimmings for children's clothes.

(1 mark)



d) Name **one** property which the fabric chosen for children's clothing should have, and give a reason for your answer.

Property: _____

Reason: _____

(3 marks)