



SUBJECT: **Textiles and Design**
 PAPER NUMBER: I
 DATE: 30th September 2020
 TIME: 9:00 a.m. to 11:05 a.m.

Answer **ALL** questions.

1. The following diagram shows the front (Diagram A) and back (Diagram B) view of a woman's jeans trousers.

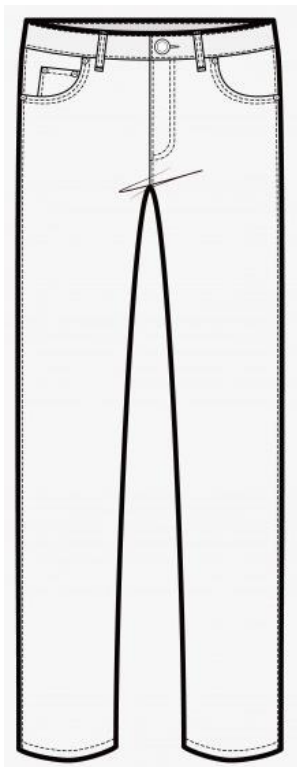


Diagram A

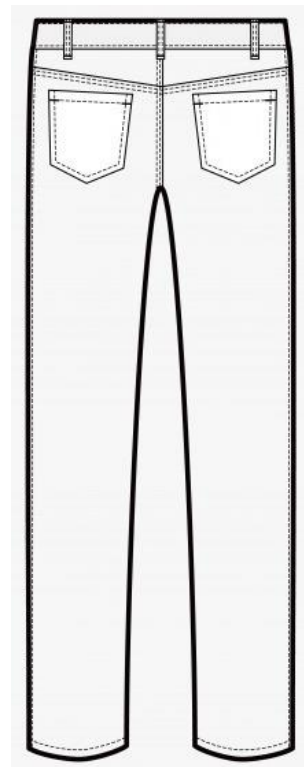


Diagram B

Source: <http://wpa.wpart.co/pants-template/>

a. On the diagrams (A and B), label **SIX** fashion features of the jeans trousers. (3)

b. Jeans styles never go out of fashion.

i. Mention **TWO** reasons why a pair of jeans is considered to be a versatile piece of clothing to own.

- _____ (1)
- _____ (1)

This question continues on next page.

ii. Name a fabric that jeans can be made out of.

_____ (1)

iii. Give **TWO** reasons why the type of fabric mentioned in part b.ii. is suitable for making jeans.

• _____ (1)

• _____ (1)

c. Describe how male and female trousers models are different in:

i. size and style;

_____ (2)

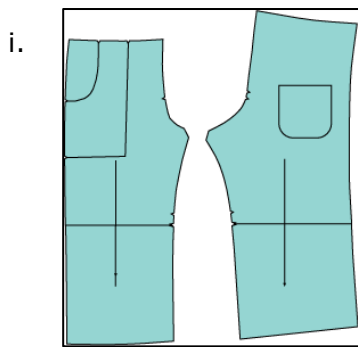
ii. rise;

_____ (2)

iii. colour and pattern.

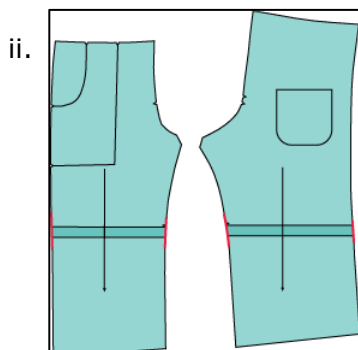
_____ (2)

d. Using the diagrams below, explain how you would shorten a pair of trousers by 6 cm.



Source: <https://bit.ly/2QOxdig>

• _____



Source: <https://bit.ly/2QOxdig>

• _____

(4)

e. Anne will be constructing a pair of trousers for herself.

i. State how many pattern pieces are required to cut the following:

- Trousers Front: Cut _____
- Trousers Back: Cut _____
- Hip Pocket: Cut _____
- Waistband: Cut _____
- Patch Pocket: Cut _____

(2 ½)

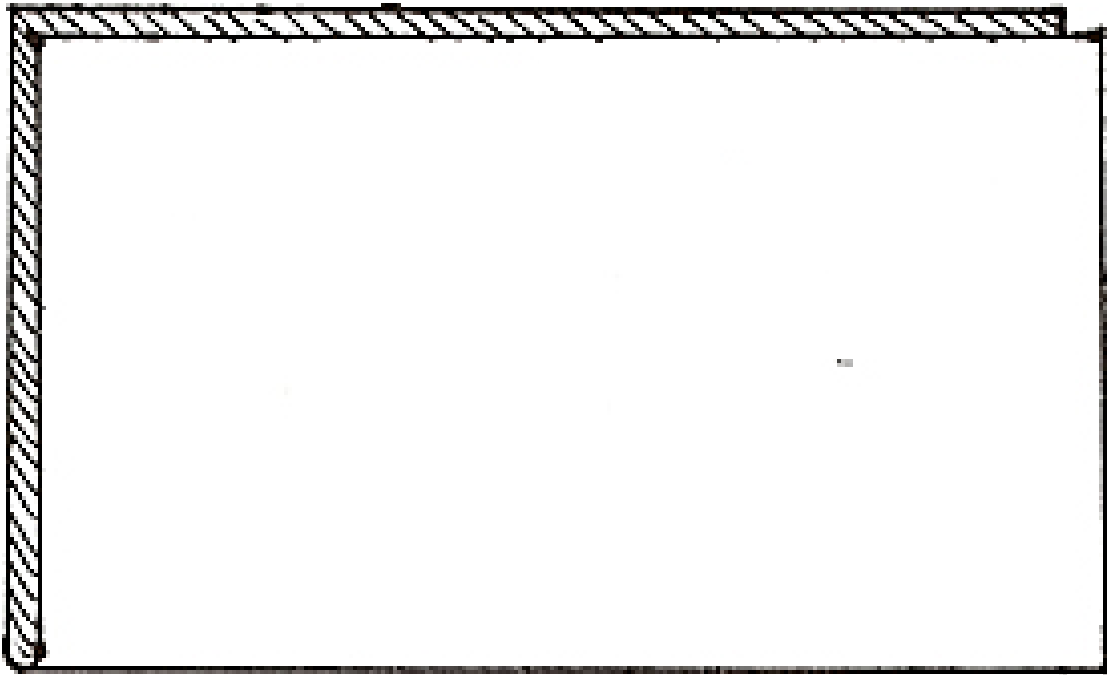
ii. Fill in the table below by putting the steps for making the trousers in order.

Step	Method
	Sew along the crotch.
	Pin, tack and sew hip pockets. Attach to trouser front.
	Sew the inside leg seam of the trouser.
	Pin trouser legs together and sew along the outer edge.
	Attach waistband, zipper and turn up hem.

(5)

This question continues on next page.

iii. In the space provided below, draw the layout of the pattern pieces mentioned in part e.i..



Source: <https://bit.ly/37tRJvk> (5)

iv. Label the fold and the selvedge on the diagram in part e.iii.. (1)

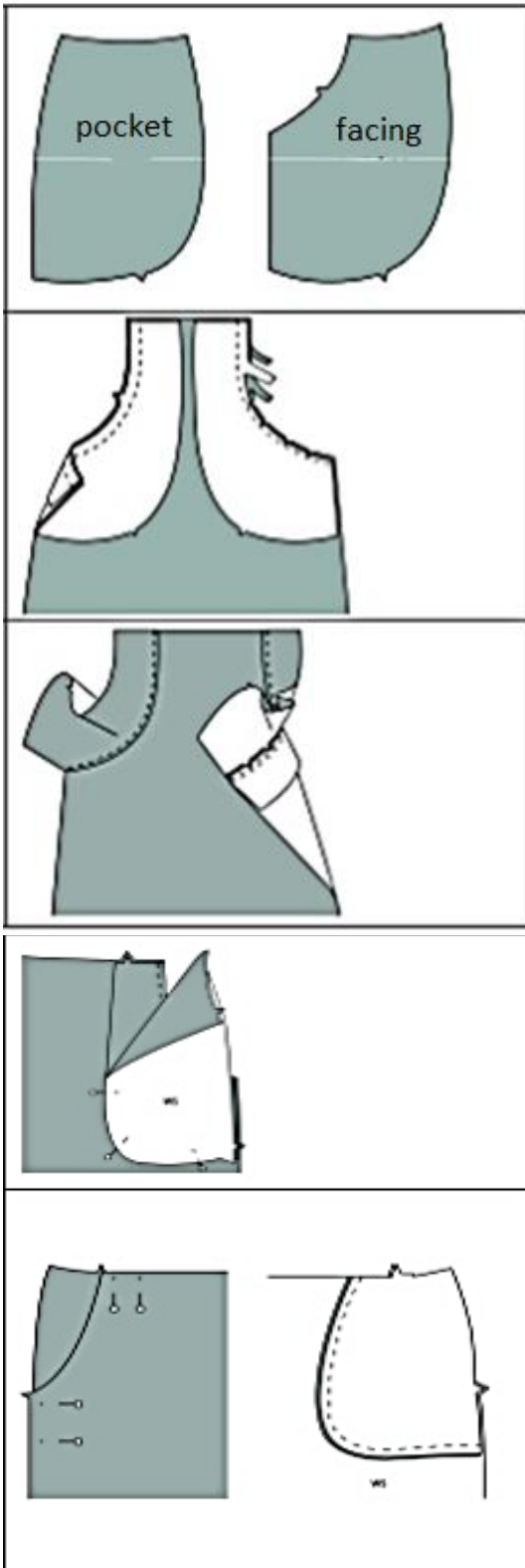
v. Calculate how much fabric is required to make the trousers (length 95 cm) from 150 cm wide fabric.

_____ (1)

f. A double stitched seam is a common seam used on jeans. Name **ONE** advantage of using this seam.

_____ (1)

g. Using the diagrams below, explain how you would attach a hip pocket.



Step 1:

Step 2:

Step 3:

Step 4:

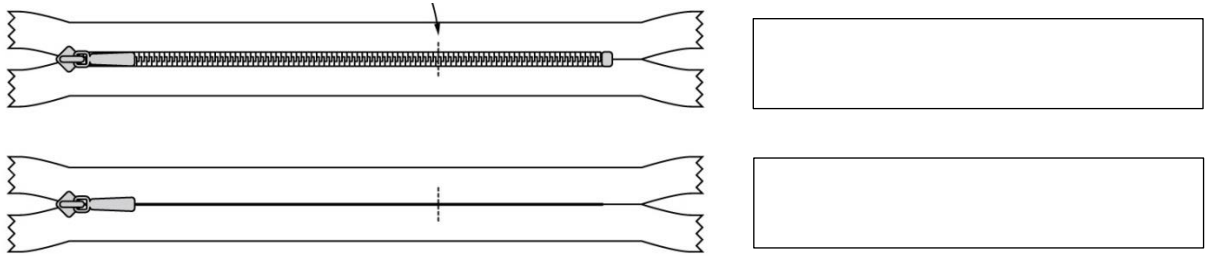
Step 5:

Source: <https://bit.ly/35gE8WQ>

(5)

h. Zippers are commonly used as a fastener in jeans.

i. In the box provided state which type of zipper is shown in the diagram.



Source: <https://owips.com/clipart-11312104>

(2)

ii. Which type of zipper would be most suitable for jeans?

(1/2)

i. Waistbands and facings are commonly used when constructing trousers.

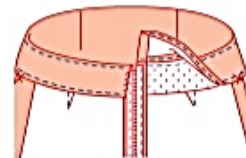
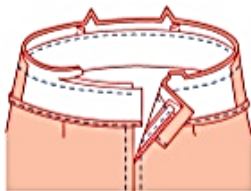
i. Explain the use of a facing.

_____ (1)

ii. Why is a waistband used?

_____ (1)

iii. Use the diagrams below to describe how you would attach a waistband.



Step 1:	Step 2:	Step 3:
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Source: <https://bit.ly/35gE8WQ>

(3)

j. i. Which type of hem would you choose for a pair of jeans?

_____ (1)

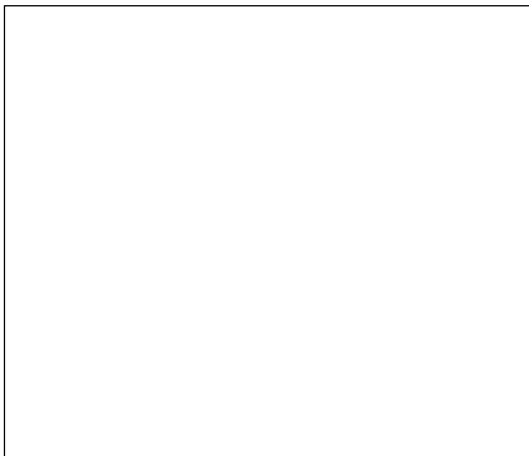
ii. Give **ONE** reason for your answer.

_____ (1)

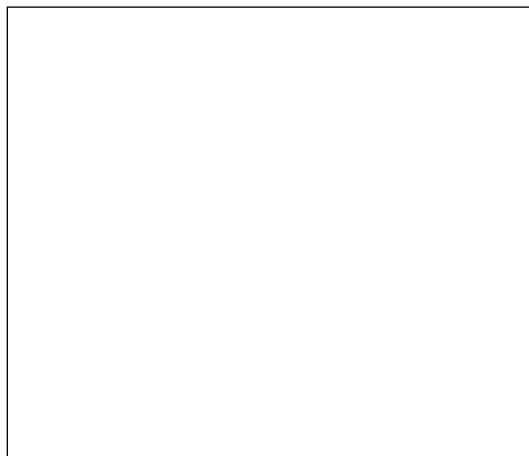
iii. A false hem is usually used in children’s clothing. Explain its use.

_____ (1)

k. i. In the space provided draw **ONE** blouse/shirt suitable for a male and **ONE** blouse/shirt suitable for a female, to be worn with the jeans in part 1.a.. (2)



Male



Female

ii. Suggest an occasion where the outfit can be worn.

(1)

Occasion: _____

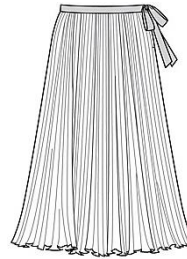
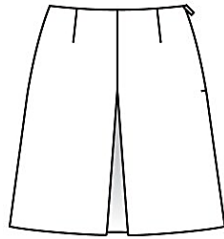
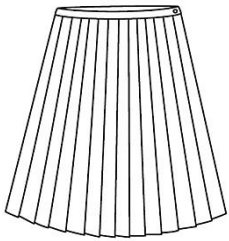
Occasion: _____

(Total: 52 marks)

Please turn the page.

2. The following pictures show skirts with different types of pleats.

a. Name the different types of pleats shown on the skirts.



i.	ii.	iii.	iv.
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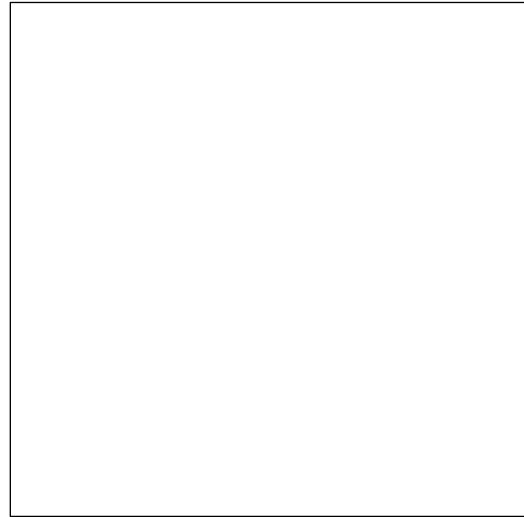
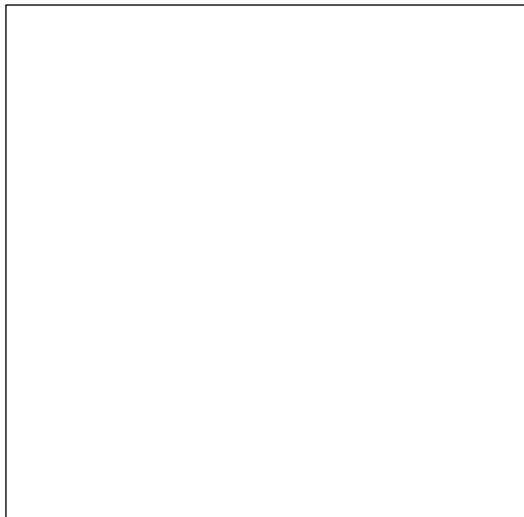
Source: <https://bit.ly/2ZU7c5h>

(4)

b. Describe the difference between pleat number ii. and pleat number iv..

(2)

c. In the space provided below, draw and label **TWO** textiles household items which have pleats.



i.

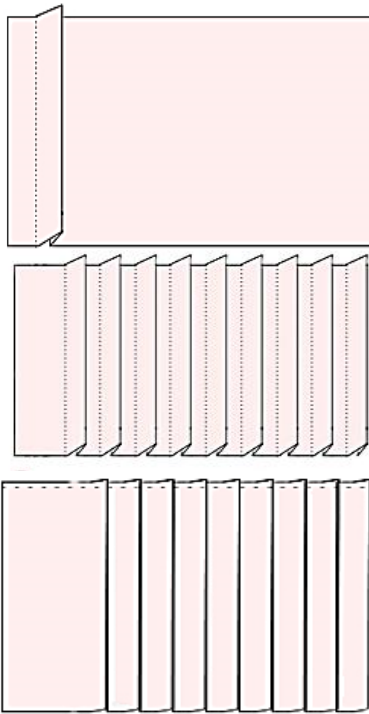
ii.

(4)

d. Pleats can be either pressed or unpressed. Describe the difference between pressed and unpressed pleats.

(2)

e. Use the diagrams below to describe how to construct the type of pleats shown in diagram for part 2.a.i.



Source: <https://bit.ly/37AxxrG>

(3)

f. Temporary stitches are often used when constructing pleats.

i. Give **ONE** reason why temporary stitches are used.

(1)

ii. Which type of temporary stitch is most commonly used when constructing pleats?

(1)

iii. Give a reason for your answer.

(1)

iv. Which type of thread is used to sew temporary stitches?

(1)

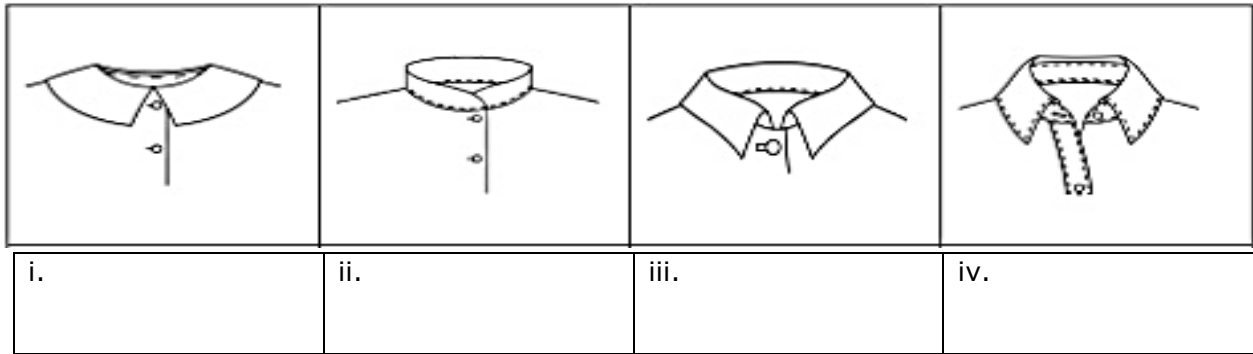
v. Give a reason why this type of thread is used.

(1)

(Total: 20 marks)

3. The diagrams below show different types of collars.

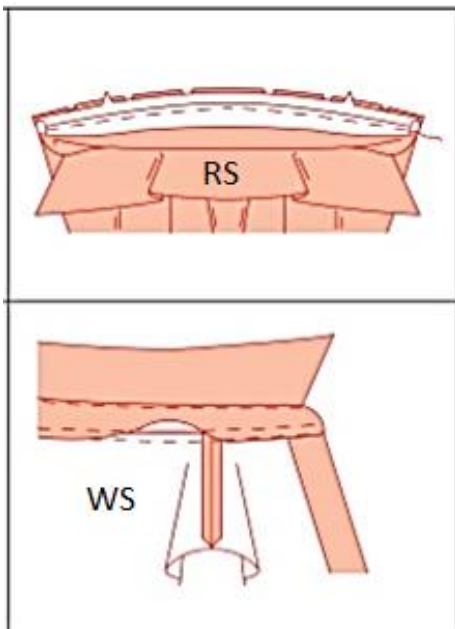
a. Label the collars shown in the diagrams.



Source: <https://bit.ly/35gE8WQ>

(4)

b. Use the diagrams below to explain how to attach collar number iv..



Source: <https://bit.ly/35gE8WQ>

(4)

c. Embellished collars are highly fashionable.

i. Suggest **TWO** pieces of clothing (apart from shirts) which may contain an embellished collar.

- _____
- _____



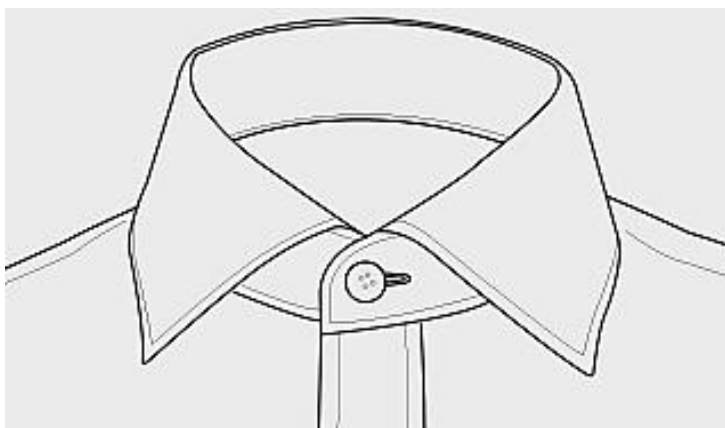
Source: <https://bit.ly/37BwSX7> (1)

ii. Mention **THREE** items that can be used on embellished collars.

- _____
- _____
- _____

(3)

iii. In the space provided below, add embellishment to the collar. Colour and label your design.



(4)

(Total: 16 marks)

Please turn the page.

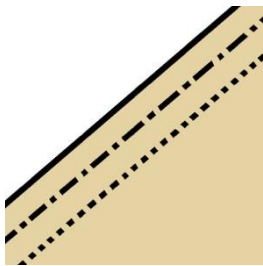
4. Commercial pattern envelopes/magazines are popular with people who like sewing at home.

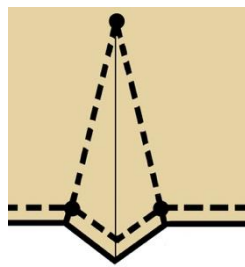
a. List **FOUR** pieces of information found on a pattern envelope.

i.	
ii.	
iii.	
iv.	

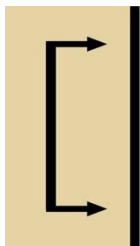
(4)

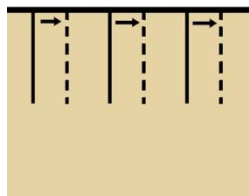
b. Give the meaning of the following commercial paper pattern symbols.













Source: <https://bit.ly/2QLy6YX>
(6)

c. List **TWO** important considerations before choosing a pattern style.

- _____ (1)
- _____ (1)

(Total: 12 marks)



SUBJECT: **Textiles and Design**
 PAPER NUMBER: IIA
 DATE: 1st October 2020
 TIME: 9:00 a.m. to 11:05 a.m.

Answer **ALL** questions.



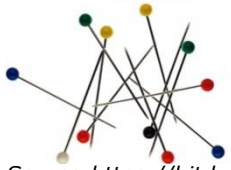



SECTION A (40 marks)

1. Careful consideration must be taken when purchasing sewing tools and equipment.

a. List **TWO** considerations one must take before purchasing sewing tools and equipment.

- _____ (1)
- _____ (1)

b. Fill in the following table about small sewing tools.

Picture	Name	Function	Use and Care
 Source: https://bit.ly/2uitEte			(2½)
 Source: https://bit.ly/2Qpvuko			(2½)
 Source: https://bit.ly/2rXzWh6			(2½)
 Source: https://bit.ly/35jazDT			(2½)
 Source: https://bit.ly/37xAYzq			(2½)
 Source: https://amzn.to/39IqK1h			(2½)

c. Mention **ONE** safety precaution that must be taken when using the following tools:

- measuring tape;

_____ (1)

- rotary cutter.

_____ (1)

d.i. List **THREE** types of sewing machines:

- _____
- _____
- _____

(3)

ii. Choose **ONE** sewing machine mentioned in part d.i. and describe its use.

Sewing machine chosen: _____

Use: _____
_____ (2)

iii. Explain **THREE** potential hazards that one has to look out for when using sewing machines.

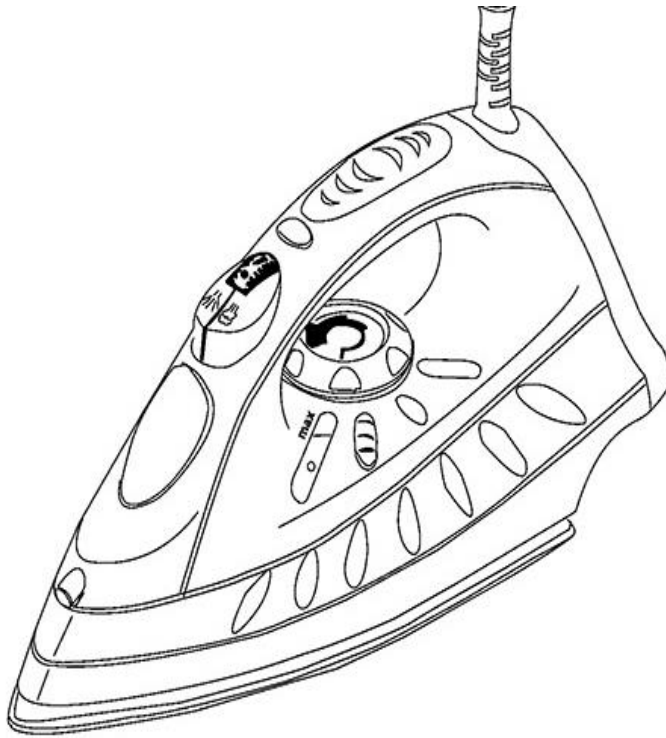
- _____ (1)
- _____ (1)
- _____ (1)

e. The iron is an essential tool in the household.

i. Describe the difference between a steam iron and a dry iron.

_____ (2)

ii. Using arrows, label **FIVE** parts on the diagram of the steam iron.



Source: <https://bit.ly/2sA7gLv>

(5)

iii. In the space provided below, draw, name and state the use of **TWO** other pieces of pressing equipment. (6)

Name:	Name:
Use:	Use:

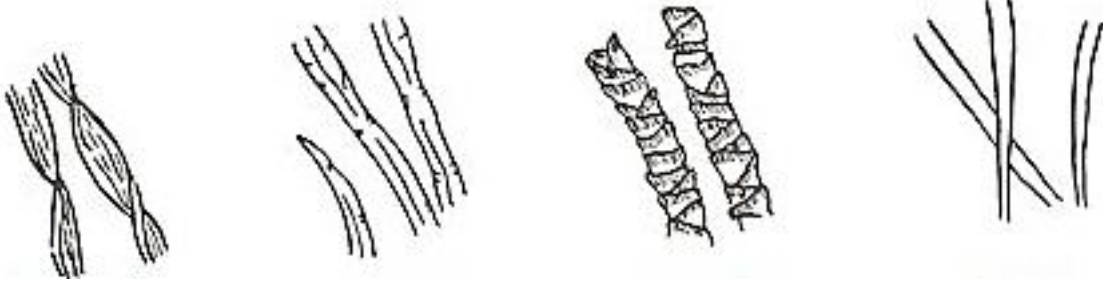
(Total: 40 marks)

SECTION B (60 marks)

2. Linen is a widely used natural fibre.

a. Name the source of linen fibre: _____ (1)

b. The diagram below shows various fibres under the microscope. Draw a circle around linen.



Source: <https://bit.ly/37Bs09o>

(1/2)

c. Use the following diagrams and key words to describe how linen is produced.

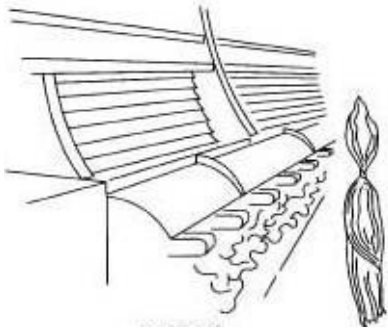
cultivating, scutching, harvesting, retting, combing



i. _____

ii. _____

iii. _____



iv. _____

v. _____

Source: <http://www.madehow.com/Volume-4/Linen.html>

(5)

d. Mention **TWO** clothing items and **TWO** household items that can be made from linen.

Clothing	Household

(2)

e. List **TWO** positive properties and **TWO** negative properties of linen.

Positive Properties	Negative Properties

(4)

f. Linen is often pre-treated before it is sold to the customer.

i. Describe what is pre-treatment.

_____ (1)

ii. Mention **ONE** type of pre-treatment that may be done on linen fabric.

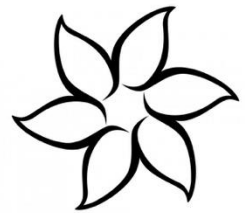
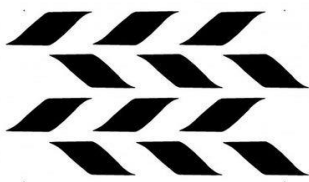
_____ (1)

(Total: 14 ½ marks)

3. Stencilling can be a very creative way of embellishing a fabric.

a. Using some or all of the following stencil templates, create a design on the table runner below.

Colour the design.



Source: <https://bit.ly/2sLtY3e>



(4)

b. Mention **THREE** other creative textile techniques apart from stencilling.

--	--	--

(1½)

(Total: 5 ½ marks)

4. The burning test is an important procedure performed when choosing fabrics.

a. Explain the use of the burning test.

_____ (2)

b. List **FIVE** tools needed to perform this test.

- _____
- _____
- _____
- _____
- _____

(2½)

c. The table below shows the results of a burning test. By looking at the given information, identify the type of fabric.

Fabric	Flame	Odour	Ash
	Burns quickly, yellow flame.	Burning paper.	Light and feathery grey ash.
	Burns slowly, curls away from flame.	Burning hair.	Round, shiny, black. Easy to crush.
	Melts, then burns slowly.	Celery.	Round, hard, greyish. Won't crush.
	Burns slowly with difficulty.	Chemical.	Round, hard, black. Won't crush.
	Burns slowly with small flickering flame, sizzles and curls.	Strong burning hair.	Crisp dark ash. Easy to crush.

(5)

(Total: 9 ½ marks)

5. Elastomeric fibres have a wide variety of uses in textile items because of their properties.

a. Mention **TWO** special properties that elastomeric fibres have.

- _____ (1)
- _____ (1)

b. State **TWO** textile items which can be made using elastomeric fibres.

(1)

c. Describe why elastomeric fabric is **not** suitable for underwear.

_____ (2)

d. State the commercial name for elastomeric fibres.

_____ (1)

e. New fibres are continually being developed. One of these is Bamboo fibres. Mention **TWO** reasons why this fibre is considered to be sustainable.

- _____ (1)
- _____ (1)

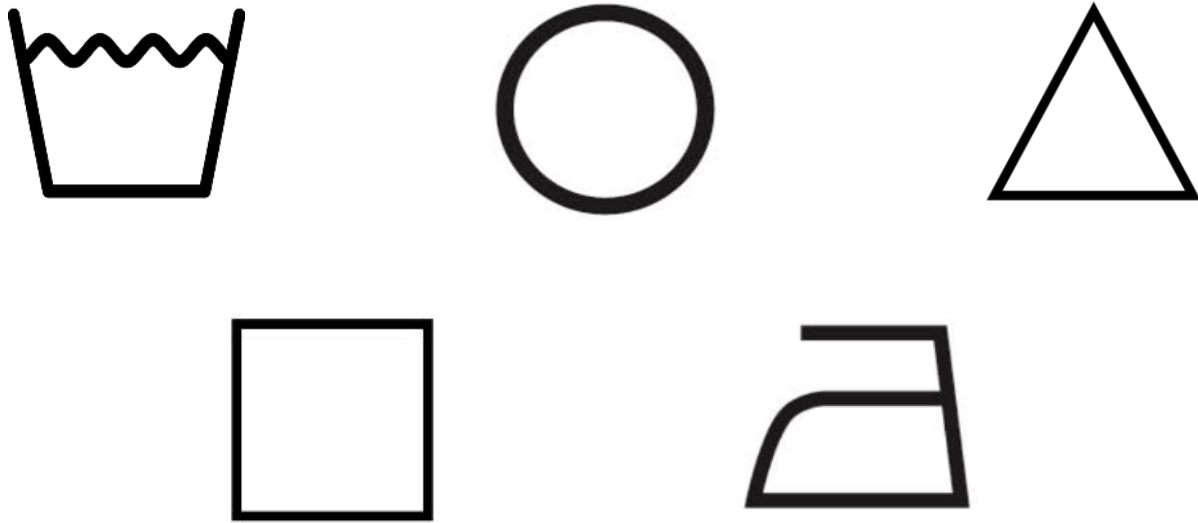
f. Read the following text about caring for bamboo fabrics, then fill in the care label symbols with the missing information.

It is recommend to wash bamboo fabric using the washing machine or by hand rather than dry cleaning. Bamboo fabrics will maintain their special qualities when washed in cold to warm water with a gentle detergent, free of bleach as chlorine bleach often causes yellowing.

Line drying in the sun is best. Machine drying on a mild setting is ok but do not leave them in for too long as over drying can result in damaged fabrics.

When bamboo fabrics are dry and ready to iron choose the lowest heat setting to avoid any damage and use light steam.

Adapted from: <http://www.bamboofabricstore.com.au/view/care-instructions/36>



Source: <http://bit.ly/2Lue4lr>
(5)

(Total: 13 marks)

6. Textile recycling is constantly promoted.

a. Explain what is textile recycling.

_____ (2)

b. Mention **TWO** reasons why fabrics are recycled.

- _____ (1)
- _____ (1)

c. State **TWO** benefits of recycling fabrics for the consumer and **TWO** benefits of recycling fabrics for the environment.

Benefits for the consumer	Benefits for the environment

(4)

This question continues on next page.

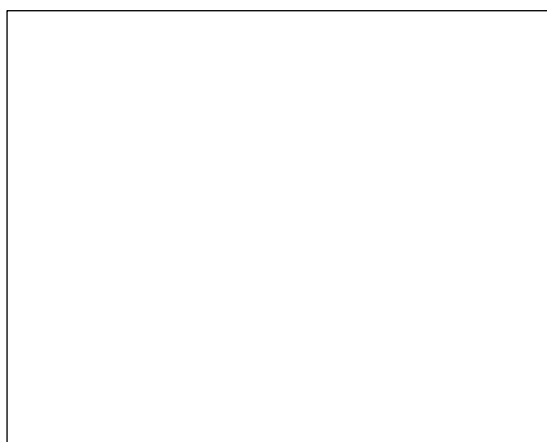
d. Suggest **THREE** different ideas for recycling fabrics/textiles instead of disposing of them.

- _____ (1)
- _____ (1)
- _____ (1)

e. Locally, fabric can be disposed of in special bins in different localities. What is the colour of these bins?

_____ (½)

f. Choose **ONE** of your ideas mentioned in part 6.d., and draw the item before and after recycling. Colour your designs.



Before recycling

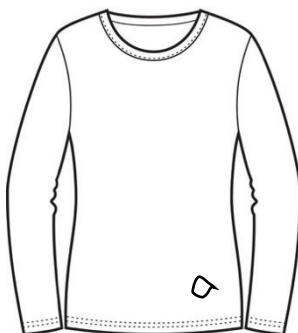
After recycling

(3)

g. Mention **TWO** tips for daily and seasonal care of clothes, to make them last longer.

- _____ (1)
- _____ (1)

h. The diagram below shows a sweater which has a hole at the bottom.



i. Suggest a simple repair or alteration that can be done to make the item fashionable again.

_____ (1)

(Total: 17 ½ marks)

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SUBJECT:	Textiles and Design
PAPER NUMBER:	IIB
DATE:	1 st October 2020
TIME:	9:00 a.m. to 11:05 a.m.

Answer **ALL** questions.







SECTION A (40 marks)

1. Careful consideration must be taken when purchasing sewing tools and equipment.

a. When purchasing sewing tools and equipment one must think carefully. List **ONE** consideration one must take before purchasing this equipment.

_____ (1)

b. Fill in the following table about small sewing tools.

Picture	Name	Use
 Source: https://bit.ly/2uitEte		(2)
 Source: https://bit.ly/2Qpvuko		(2)
 Source: https://bit.ly/2rXzWh6		(2)
 Source: https://bit.ly/35jazDT		(2)
 Source: https://bit.ly/37xAYzq		(2)
 Source: https://amzn.to/39IqK1h		(2)

c. Mention **ONE** safety precaution one must take when using the following tools:

- measuring tape;

_____ (1)

- sewing needles.

_____ (1)

d.i. In the space provided draw and name **TWO** other small sewing tools.



_____ (4)

ii. The following pictures show different types of sewing machines. Use the words below to label them correctly.

industrial, embroidery, overlock, mechanical, computerised



Source: <https://bit.ly/30DAXYn>

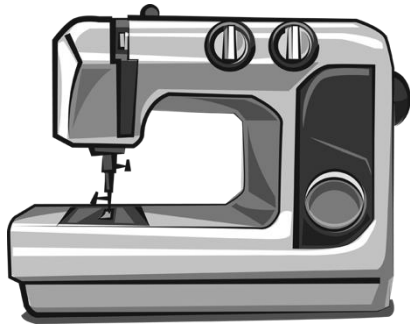


Source: <http://tiny.cc/6xiyiz>

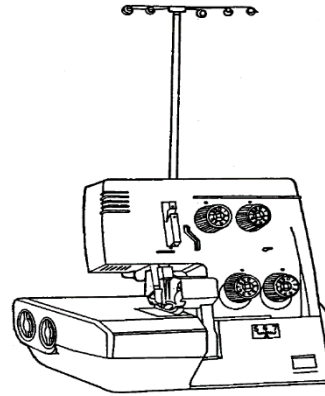


Source: <http://tiny.cc/6xiyiz>





Source: designingflicks.com



Source: <https://sewingsupplywarehouse.com/43dbernina.html>

(5)

iii. Choose **ONE** sewing machine mentioned in part d.ii. and list **TWO** advantages of this sewing machine.

Sewing machine chosen: _____

- _____ (1)
- _____ (1)

iv. List **TWO** safety precautions one must take when using sewing machines.

- _____ (1)
- _____ (1)

e. The iron is an essential tool in the household.

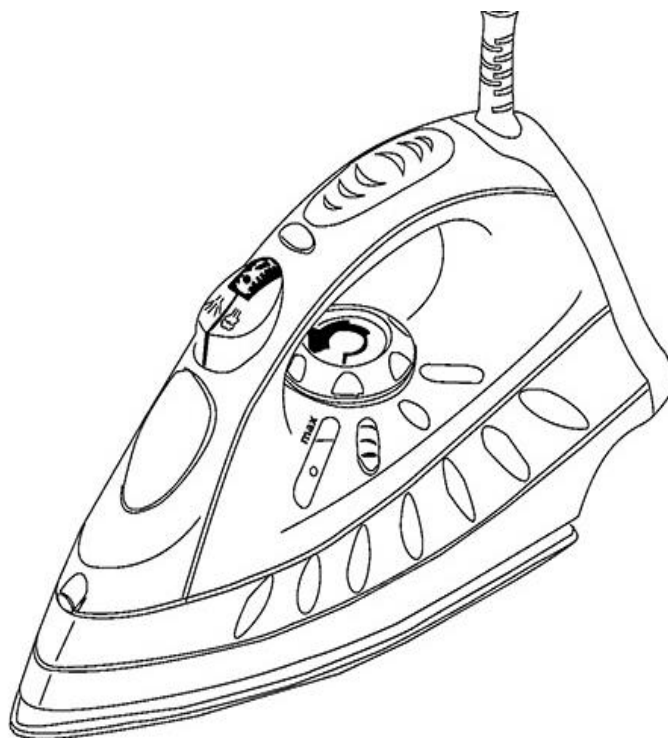
i. Describe the difference between a steam iron and a dry iron.

(2)

This question continues on next page.

ii. Using arrows and the words below, label the parts on the diagram of the steam iron.

sole plate, vertical cord, fabric guide, spray button



Source: <https://bit.ly/2sA7gLv>

(4)

iii. In the space provided below, write the name of the **TWO** pieces of pressing equipment and state their use.

 <p>Source: https://www.crosscraft.com.mt/product/iron-board-3-functions/</p>	 <p>Source: https://norrissteam.co.uk/product/wooden-sleeve-arms/</p>
<p>Name:</p>	<p>Name:</p>
<p>Use:</p>	<p>Use:</p>

(4)

iv. Name **TWO** safety precautions when using the iron.

- _____ (1)
- _____ (1)

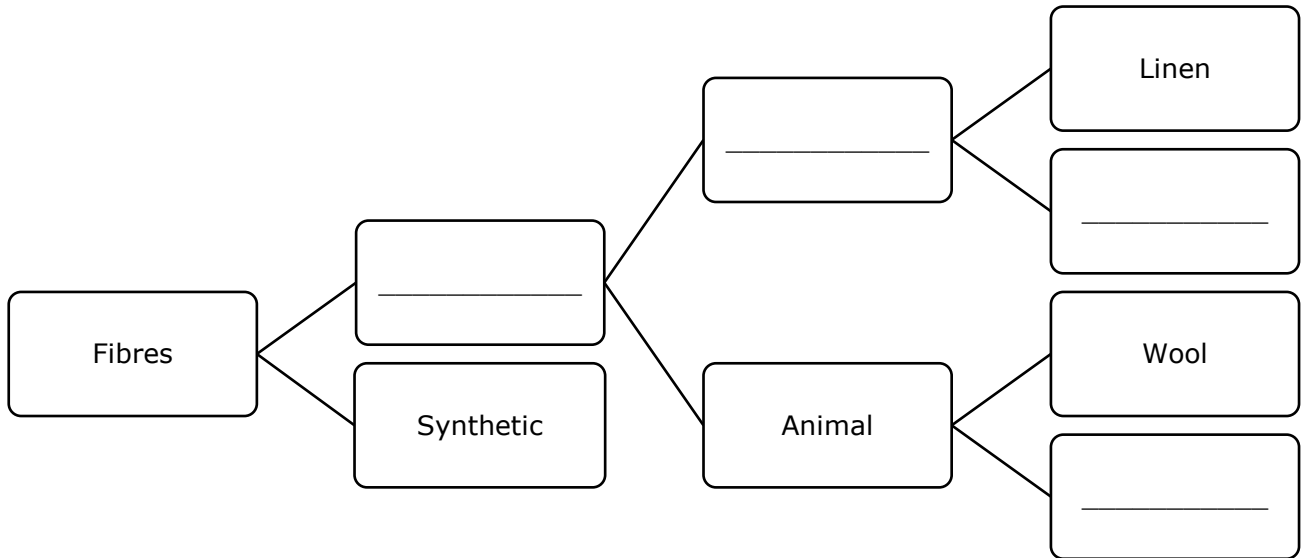
(Total: 40 marks)

Please turn the page.

SECTION B (60 marks)

2. Linen is a widely used fibre.

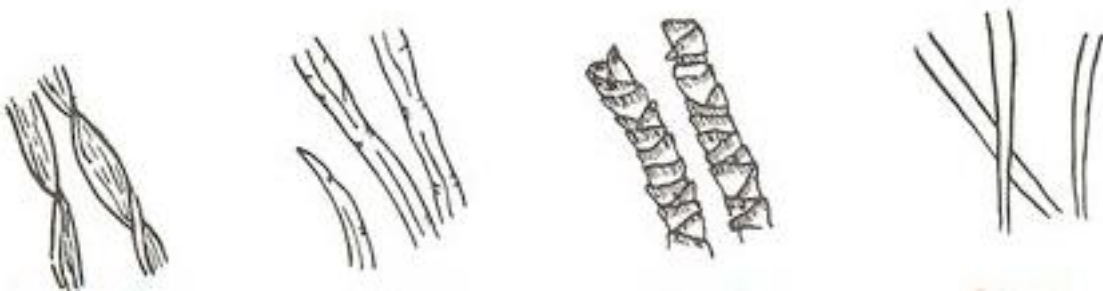
a. Complete the fabric classification table.



(4)

b. Name the source of linen fibre: _____ (1)

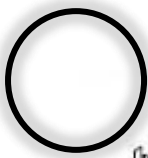
c. The diagram below shows various fibres under the microscope. Draw a circle around linen.



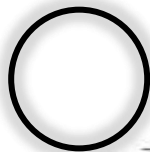
Source: <https://bit.ly/37Bs09o>

(1/2)

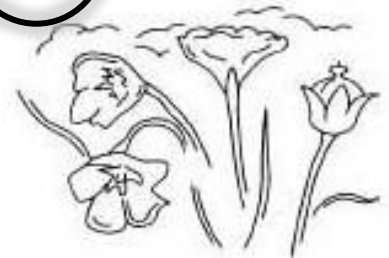
d. The following pictures and keywords explain the production process of linen. Put the pictures in order by placing numbers in the circles provided.



Harvesting



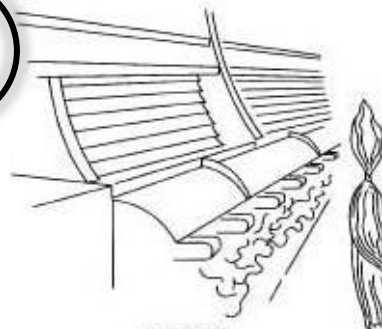
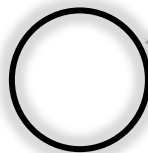
Scutching



Cultivating



Combing



Retting

Source: <http://www.madehow.com/Volume-4/Linen.html>

(5)

e. Mention **TWO** clothing items that can be made from linen.

- _____ (1)
- _____ (1)

f. List **TWO** properties of linen.

- _____ (1)
- _____ (1)

This question continues on next page.

g. Fill in and explain the care label symbol for washing and ironing linen.



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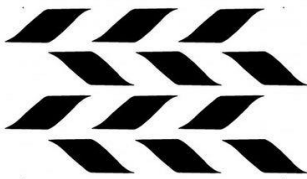
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(4)

(Total: 18 ½ marks)

3. Stencilling can be a very creative way of embellishing a fabric.

a. Using some or all of the following stencil templates, create a design on the table runner below. Colour the design.



Source: <https://bit.ly/2sLtY3e>



(5)

b. Mention **THREE** other creative textile techniques apart from stencilling.

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(1 ½)

(Total: 6 ½ marks)

4. The burning test is an important test performed when testing out fabrics.

a. List **THREE** tools needed to perform this test.

- _____ (1/2)
- _____ (1/2)
- _____ (1/2)

b. Safety is very important when performing this test. Mention **TWO** items of safety protection one should wear before one does this test.

_____, _____ (2)

c. Mention **ONE** safety precaution when performing this test.

_____ (1)

d. State **TWO** other examples of tests which can be performed on fabrics.

(2)

e. The table below shows the results of a burning test. From the list below, place the correct fabric next to its burning properties.

Polyester, Nylon, Wool, Cotton

Fabric	Flame	Odour	Ash
	Burns quickly, yellow flame.	Burning paper.	Light and feathery grey ash.
	Melts, then burns slowly.	Celery.	Round, hard, greyish. Won't crush.
	Burns slowly with difficulty.	Chemical.	Round, hard, black. Won't crush.
	Slowly with small flickering flame, sizzles and curls.	Strong burning hair.	Crisp dark ash. Easy to crush.

(4)

(Total: 10 1/2 marks)

Please turn the page.

5. Elastomeric fibres have a wide variety of uses in textile items because of their properties.

a. Identify **ONE** special property of elastomeric fibres.

(1)

b. Draw and name **ONE** textile item which can be made using elastomeric fibres.

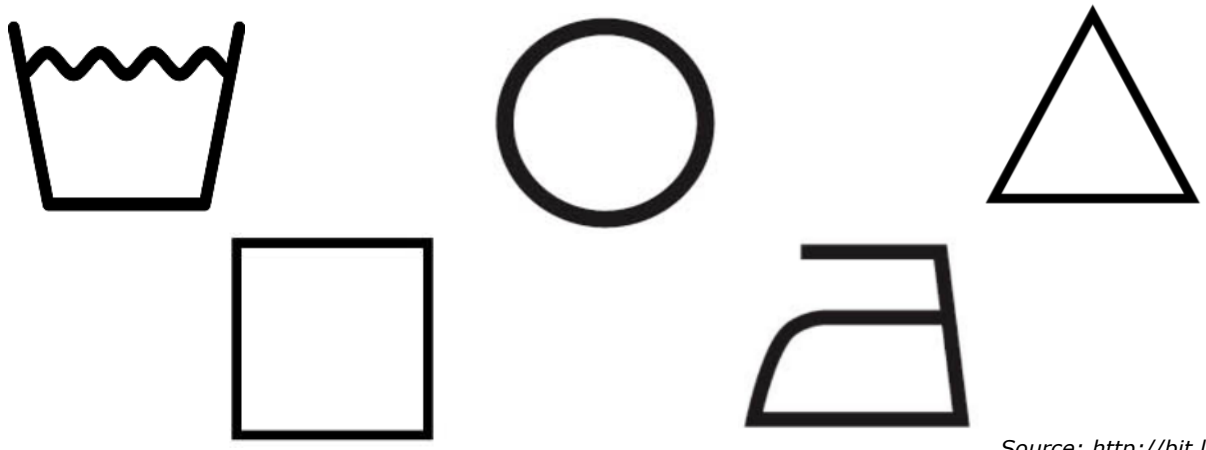


(2)

c. New fibres are continually being developed. One of these is Bamboo fibres.

i. Read the following text about caring for bamboo fabrics, then fill in the care label symbols.

It is recommend to wash bamboo fabric using the washing machine using cold to warm water with a gentle detergent. Chlorine bleach often causes yellowing. Do not dry clean
Line drying in the sun is best. Machine drying on a mild setting is best. Choose the lowest heat setting on the iron to avoid any damage.
Adapted from: <http://www.bamboofabricstore.com.au/view/care-instructions/36>



Source: <http://bit.ly/2Lue4lr>

(5)

ii. List **ONE** textile item that can be made from bamboo.

(1)

(Total: 9 marks)

6. Textile recycling is being encouraged as an alternative to throwing away unwanted fabrics/textiles.

a. Write down **TWO** reasons why fabric is recycled.

- _____ (1)
- _____ (1)

b. State **THREE** advantages of recycling fabrics.

- _____ (1)
- _____ (1)
- _____ (1)

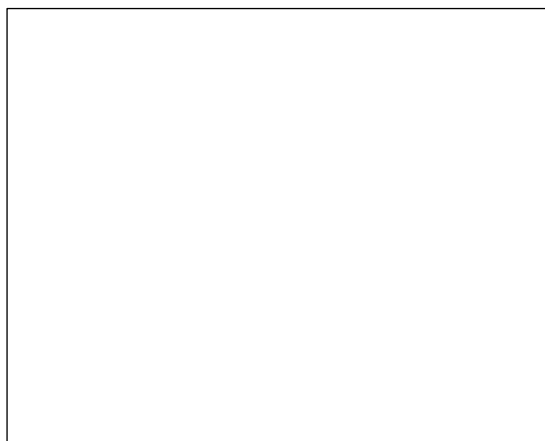
c. Suggest **THREE** different ideas of recycling fabrics/textiles instead of disposing of them.

- _____ (1)
- _____ (1)
- _____ (1)

d. In Malta, fabric can be disposed of in special bins in different localities. What is the colour of these bins?

_____ (½)

e. Choose **ONE** for your ideas mentioned in part 6c, and draw the item before and after recycling. Colour your designs.



Before recycling



After recycling

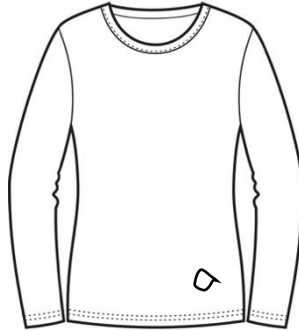
(3)

This question continues on next page.

f. Mention **TWO** tips for daily and seasonal care of clothes, to make them last longer.

- _____ (1)
- _____ (1)

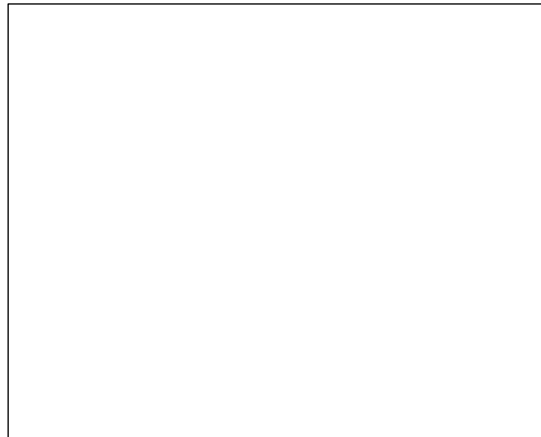
g. The diagram below shows a sweater which has a hole at the bottom.



i. Suggest a simple repair or alteration that can be done to make the item fashionable again.

_____ (1)

ii. Draw the alteration in the space provided.



(1)

(Total: 15 ½ marks)