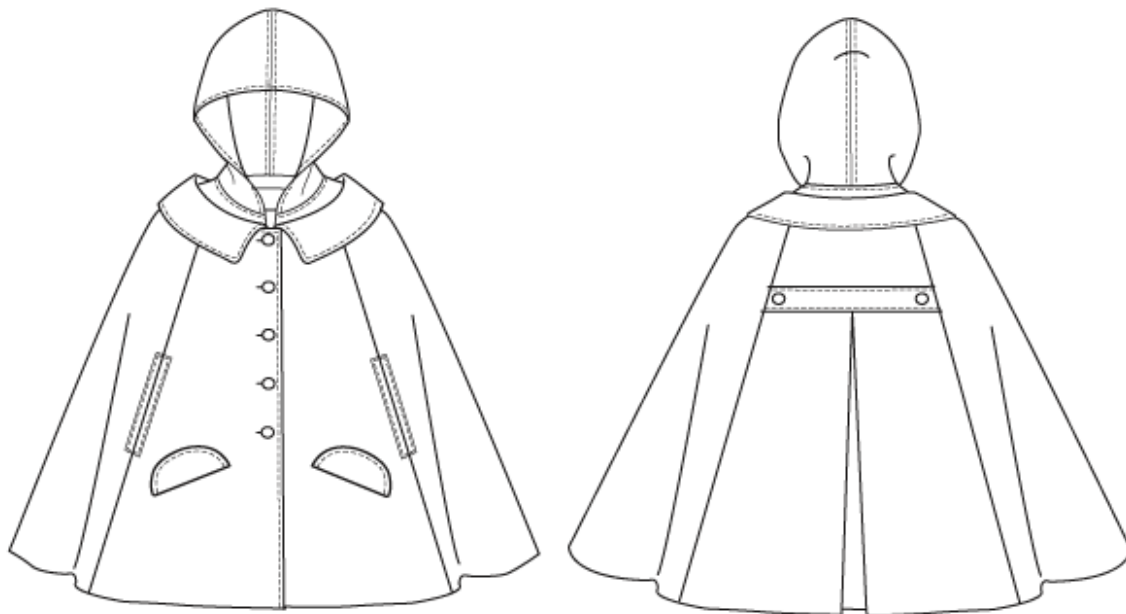




SUBJECT: **Textiles and Design**
 PAPER NUMBER: I
 DATE: 23rd June 2021
 TIME: 4:00 p.m. to 6:05 p.m.

Answer **ALL** questions.

1. Capes have recently made a comeback in fashion. The diagrams below show the front and back views of a cape.



Source: <https://sewing.patternreview.com/Patterns/50254>

a. On the diagrams above, mark with an arrow **FIVE** fashion features. Label **each** fashion feature. (5)

b. List **THREE** occasions where one can wear the above cape.

| | | |
|--|--|--|
| | | |
|--|--|--|

(1½)

c. Mention **THREE** fabrics which would be suitable to make this cape.

| | | |
|--|--|--|
| | | |
|--|--|--|

(1½)

d. Choose **ONE** of the fabrics mentioned in part (c), and give **TWO** reasons why it is suitable for the cape.

Fabric: _____

Reason 1:

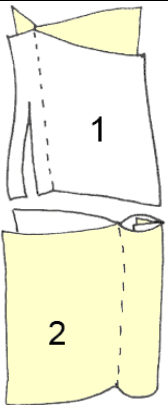
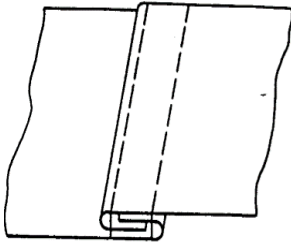
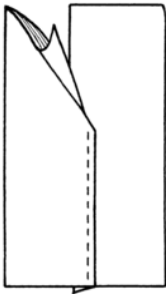
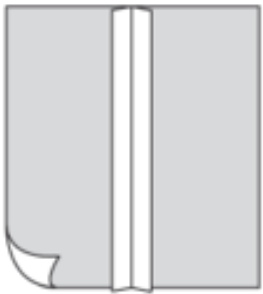
 _____ (2)

Reason 2:

 _____ (2)

e. The pictures below show four different seams.

i. State the correct name of **each** seam in the space below each picture.

| | | | |
|--|---|---|--|
|  <p>Source: http://ditchstitcher.blogspot.com</p> |  <p>Source: http://www.worsewear.com</p> |  <p>Source: https://www.wikiwand.com</p> |  <p>Source: shorturl.at/bmpOX</p> |
| | | | |

(2)

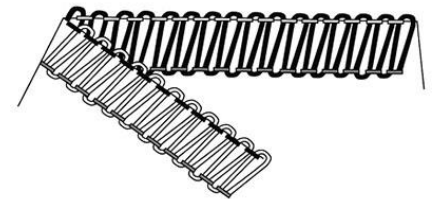
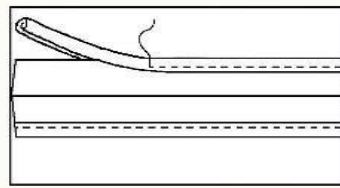
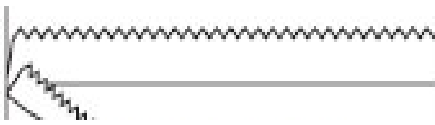
ii. State the name of the seam which is most suitable to be used for making the cape.

_____ (1/2)

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

 _____ (2)

f. Label the following seam edge finishes in the space provided below each picture.



Sources: <https://www.pinterest.com>, <https://aces.nmsu.edu>

| | | |
|--|--|--|
| | | |
|--|--|--|

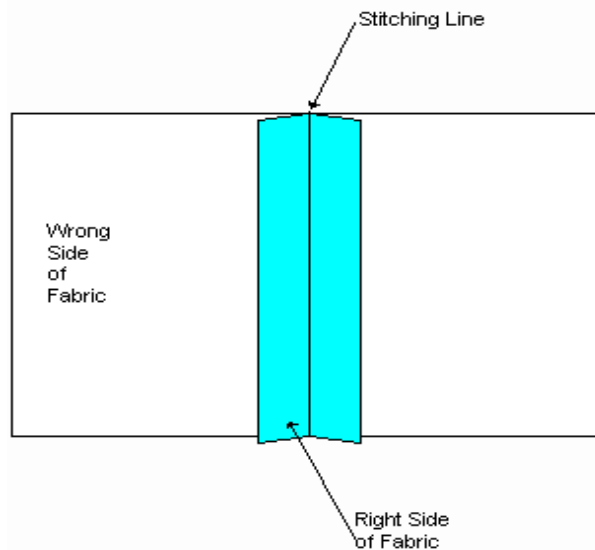
(1½)

g. Give **TWO** reasons why seam edge finishes are important.

- _____
- _____

(4)

h. On the diagram provided, draw and name another seam edge finish.



Source: shorturl.at/otK17

Name of edge finish: _____ (2)

i. Trimmings are commonly used to decorate capes.

i. Mention **FOUR** trimmings that can be used on the cape.

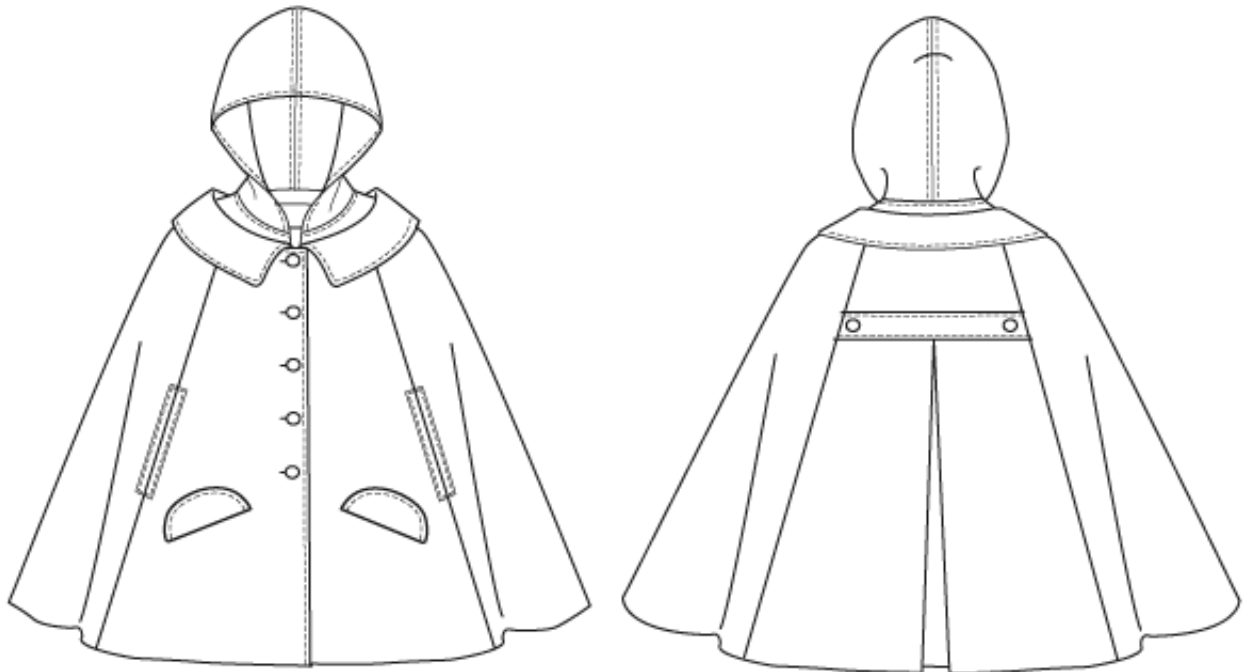
| | |
|--|--|
| | |
| | |

(2)

ii. Explain by giving an example, **TWO** reasons why trimmings may be used on capes.

- _____ (2)
- _____ (2)

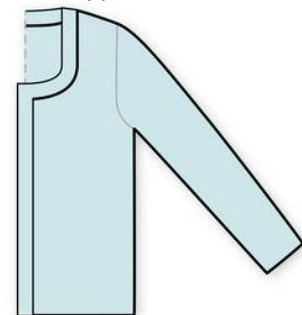
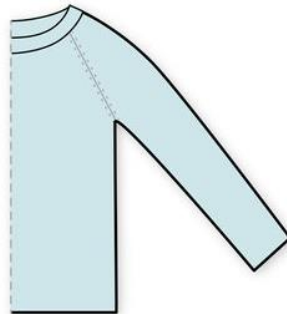
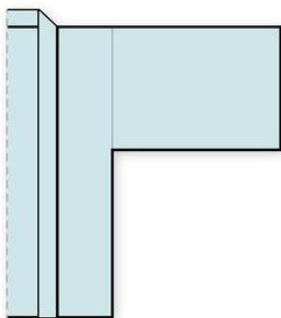
iii. Use the diagram below to draw and label **TWO** types of trimmings which can be used to enhance the appearance of a woman's cape.



(2)

(Total: 32 marks)

2. a. The diagrams below show different types of sleeves. Identify **each** type of sleeve shown.

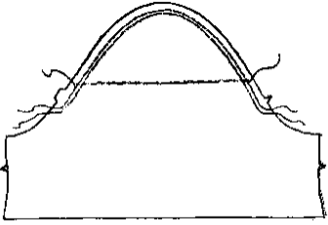
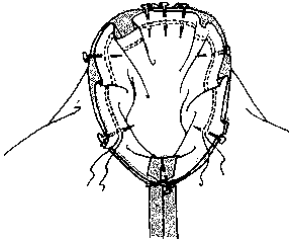
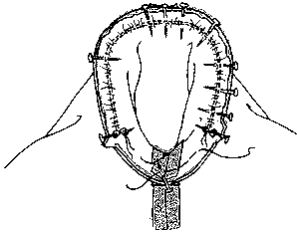
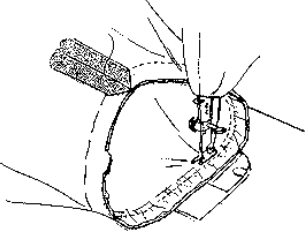
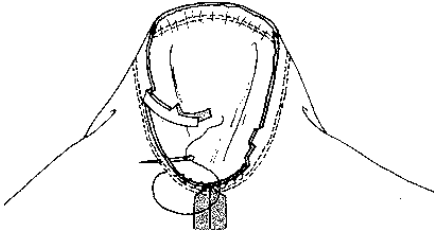


Source: shorturl.at/zKX18

| | | |
|----|-----|------|
| i. | ii. | iii. |
|----|-----|------|

(1½)

b. Max would like to construct sleeve (iii) above. Use the diagrams below to explain the process to construct this sleeve.

| | |
|---|--|
|  | |
|  | |
|  | |
|  | |
|  | |

Source: <http://www.thewebsite.com>

(5)

This question continues on next page.

- c. Max would like to sew a puffed sleeve. However he does not have a pattern.
Explain the pattern alteration that needs to be made from a plain sleeve to a puffed sleeve. Draw the pattern alteration in the space provided.

| | |
|---|--|
| <p>Pattern drawing:</p> <p style="text-align: right;">(1)</p> | <p>Explanation:</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <p style="text-align: right;">(5)</p> |
|---|--|

- d. Max wants to finish the edge of the sleeve neatly.
 - i. Mention **ONE** way how to finish off a sleeve bottom edge without using a traditional hem.

_____ (½)
 - ii. In the space below draw **ONE** other type of sleeve edge finish **not** mentioned in part (di).

(1)

(Total: 14 marks)

3. Interfacings are commonly used when constructing garments.

- a. Why are interfacings used?

(2)

b. State another name for interfacing.

_____ (1/2)

c. Mention **THREE** types of interfacing commonly used in clothing.

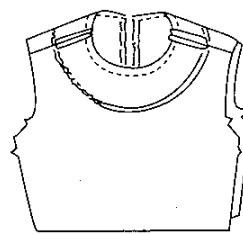
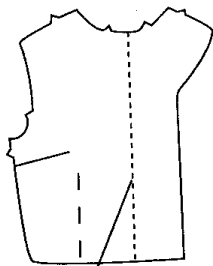
| | | |
|--|--|--|
| | | |
|--|--|--|

(1 1/2)

d. Describe the difference between an extended facing and a shaped facing.

 _____ (2)

e. The diagrams below show examples of an extended facing and a shaped facing. Label the diagrams accordingly.



Source: shorturl.at/szEO4

| | |
|--|--|
| | |
|--|--|

(1)

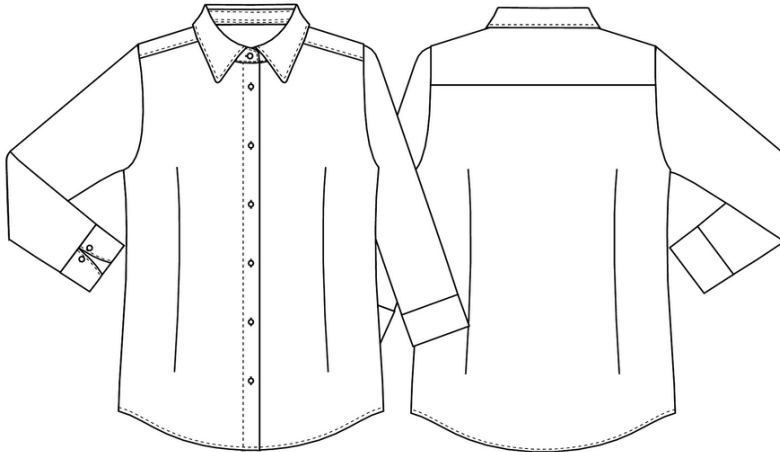
f. Explain how to cut and apply interfacing for a shaped facing.

| | |
|------|--|
| i. | |
| ii. | |
| iii. | |
| iv. | |

(4)

This question continues on next page.

g. On the diagram below, label **THREE** different places where interfacing may be used.



Source: shorturl.at/brzL0
(3)

h. Mention **TWO** things one should think about before choosing interfacing.

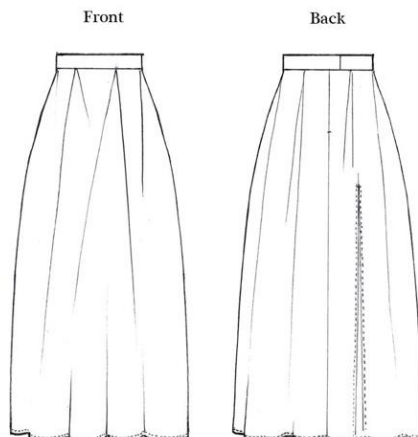
- _____
- _____ (2)

i. Suggest **TWO** guidelines one should follow when cutting out and using interfacing.

- _____
- _____ (2)

(Total: 18 marks)

4. Martha wants to sew a skirt and has found the following skirt diagram on a magazine.



Source: shorturl.at/eDJQ8

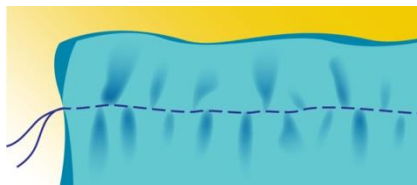
a. Martha has decided to use velvet fabric for her skirt. List **TWO** characteristics of velvet fabric.

- _____
- _____ (2)

b. Describe **TWO** important things which Martha must keep in mind before cutting velvet.

- _____
- _____ (2)

c. While sewing, Martha noticed that her fabric is puckering. Identify an important step that Martha must follow before sewing velvet fabric to avoid puckering and explain why such a step is important.



Source: shorturl.at/ajwO7

_____ (2)

d. i. List **TWO** seams which Martha must avoid when sewing the velvet skirt.

- _____
- _____ (1)

ii. Give **ONE** reason why these types of seams are **not** suitable.

_____ (2)

e. Explain what a velvet board is and how it is used?

_____ (2)

(Total: 11 marks)

Please turn the page.

5. Alison will be sewing this blouse.



Source: shorturl.at/jwFOS

- a. Label **FOUR** fashion features on the blouse. (4)
- b. Alison has decided to use chiffon fabric for her blouse.
 - i. Suggest **ONE** other suitable fabric for the blouse.

_____ (1/2)

- ii. Give **ONE** reason for your choice of fabric.

_____ (2)

- c. Mention **ONE** seam which is suitable to be used on transparent fabric.

_____ (1/2)

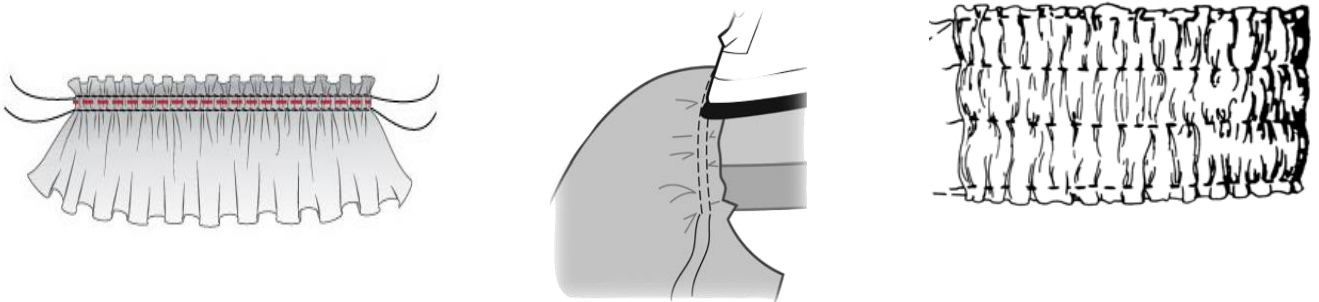
d. Use the space below to draw and explain how to construct the seam mentioned in part (c).

| Drawings | Explanation: |
|----------|--|
| (1) | <ul style="list-style-type: none"> • _____ _____ • _____ _____ • _____ _____ • _____ _____ <div style="text-align: right; padding: 5px;">(4)</div> |

(Total: 12 marks)

6. When constructing garments, fullness can be controlled in different ways.

a. Shirring, gathering and easing are three different ways of controlling fullness. Label the diagrams in the space provided below.



Source: shorturl.at/fhzJL
shorturl.at/hrxAC

| | | |
|--|--|--|
| | | |
|--|--|--|

(1½)

This question continues on next page.

b. Use the space provided to draw and explain how to do gathering by hand.

| | |
|-----|-----|
| (1) | (1) |
| (1) | (1) |
| (1) | (1) |

c. i. Explain why easing is used.

_____ (2)

ii. Identify **THREE** places where easing may be used.

| | | |
|--|--|--|
| | | |
|--|--|--|

(1½)

d. Explain the difference between gathering and easing.

_____ (2)

(Total: 13 marks)



SUBJECT: **Textiles and Design**
PAPER NUMBER: IIA
DATE: 28th June 2021
TIME: 4:00 p.m. to 6:05 p.m.

Answer **ALL** questions.

SECTION A (40 marks)

1. The sewing machine is a very useful piece of equipment.

a. On the diagram below, label the **FIVE** different parts of the sewing machine.



Source: <https://set-magazine.com>
(5)

b. Give the function of the parts of the sewing machine listed below.

| Part | Function |
|----------------------|----------|
| Thread guide | |
| Needle clamp | |
| Thread take-up lever | |
| Feed dog | |
| Foot pedal | |

(5)

c. Mention **TWO** safety procedures to follow whilst using the sewing machine.

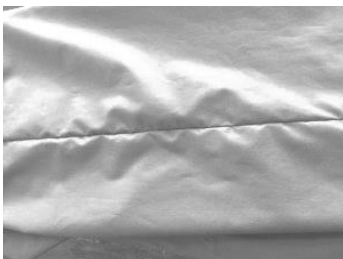
- _____
- _____ (2)

d. Name **ONE** safety procedure that one must follow after using the sewing machine.

_____ (1)

e. i. Identify the following **THREE** sewing machine faults.

ii. Give **ONE** remedy for each fault.



Fault: _____

Remedy: _____

Source: <https://blog.londasfiles.com/>

(2)



Fault: _____

Remedy: _____

Source: shorturl.at/wySX3

(2)



Source: shorturl.at/dtwBJ

| |
|---------------|
| Fault: _____ |
| Remedy: _____ |
| _____ |

(2)

(Total: 19 marks)

2. a. What is the use of a mood board?

_____ (2)

b. Amy has a pear body shape.

i. Suggest **TWO** items of clothing or accessories that Amy can use to enhance her body figure.

_____ (1)

ii. Suggest **TWO** items of clothing or accessories that Amy should avoid.

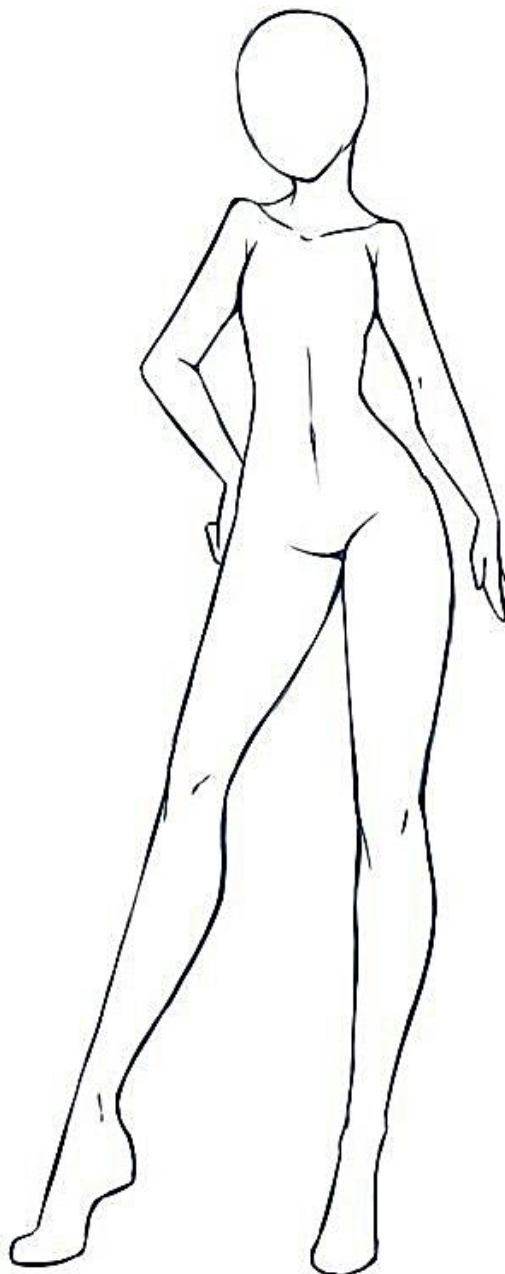
_____ (1)

iii. Amy will be attending a birthday party. In the space provided on the following page, design a complete outfit for Amy’s pear body shape. (3)

iv. Draw **TWO** suitable accessories. (2)

v. Colour your outfit. (1)

This question continues on next page.



Source: shorturl.at/bkFW1

c. i. Identify **ONE** advantage and **ONE** disadvantage of making your own clothes.

| | |
|---------------|--|
| Advantage: | |
| Disadvantage: | |

(2)

ii. Compare and contrast between making your own clothes against buying ready-made clothes.

(3)

d. Adverts can be highly persuasive.

i. List **THREE** techniques that are often used in adverts to persuade customers to buy.

- _____
- _____
- _____ (3)

ii. Describe the influence that fashion bloggers and influencers might have on customers.

(2)

e. Identify **TWO** ways of shopping for clothes at bargain prices.

- _____
- _____ (1)

(Total: 21 marks)

Please turn the page.

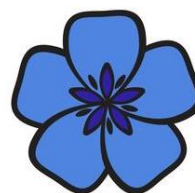
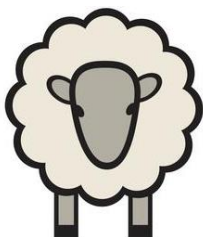
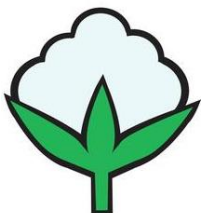
SECTION B (60 marks)

3. The following question is about silk.

a. Fill-in the correct answer.

Silk is a _____ fibre. (½)

b. Look at the pictures below and circle the source of silk.



Source: shorturl.at/kyDM9
(½)

c. i. Name **TWO** different types of silk.

| | |
|--|--|
| | |
|--|--|

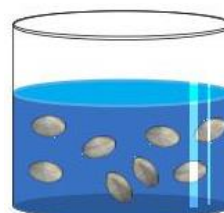
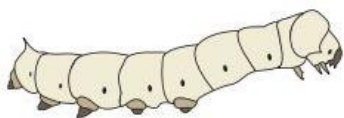
(1)

ii. Mention **TWO** properties of silk.

- _____
- _____

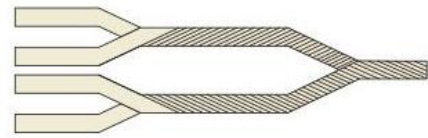
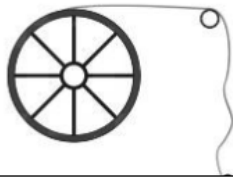
(2)

d. Use the diagrams below to explain the process of silk manufacturing.



| |
|----------------------------|
| i. _____ _____ _____ |
|----------------------------|

| |
|-----------------------------|
| ii. _____ _____ _____ |
|-----------------------------|



iii. _____

iv. _____

Source: shorturl.at/gyEJ3

(4)

e. Describe **TWO** precautions that one must take when sewing silk.

- _____
- _____ (2)

f. State the correct type of thread and needle to use when sewing silk.

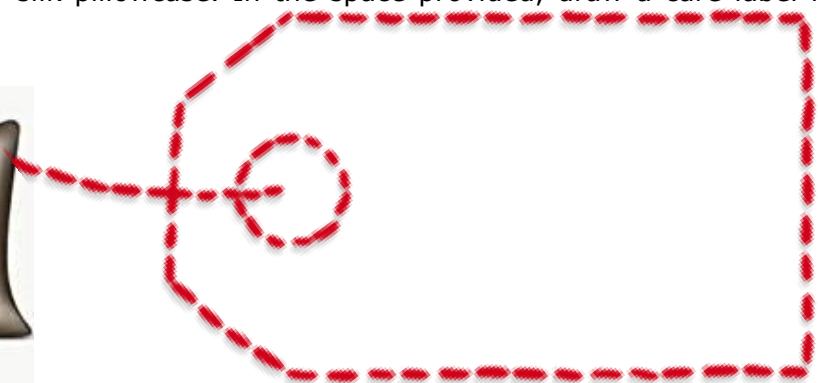
| | |
|---------------|--|
| Thread | |
| Needle | |

(1)

g. Mention **TWO** precautions that one must take when pressing silk.

- _____
- _____ (2)

h. Ellie has just bought a new silk pillowcase. In the space provided, draw a care label for silk.



Source: shorturl.at/yINS8
 Source: <https://wunderlabel.co.uk>

(5)

i. Ellie noticed that after washing the pillowcase the colour faded.

i. List **TWO** rights that Ellie has a consumer.

- _____
- _____ (2)

ii. Explain the steps that Ellie needs to take to redress her situation.

| | |
|----|--|
| 1. | |
| 2. | |
| 3. | |
| 4. | |
| 5. | |

(5)

(Total: 25 marks)

4. This question is about the creative textile techniques.

Jason would like to experiment with creative textile techniques and decides to try Batik.

a. Explain what is Batik.

_____ (2)

b. Identify **FIVE** tools or materials required for making Batik.

| | | | | |
|--|--|--|--|--|
| | | | | |
|--|--|--|--|--|

(2½)

c. State **TWO** safety procedures that Jason must take when doing Batik.

- _____
- _____ (2)

d. Suggest the type of dye that Jason should use for Batik. Explain why he should use this dye.

Type of dye: _____

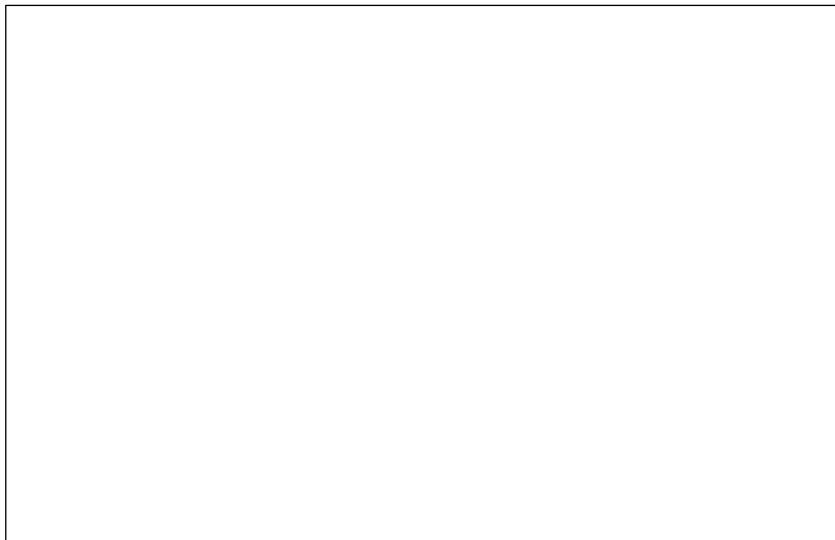
Reason why: _____ (1½)

e. Colours need to be considered carefully when doing creative textile techniques.

i. Explain what a colour wheel is.

_____ (1)

ii. In the space below, draw and label a colour wheel indicating the primary and secondary colours.



(3)

iii. Give **TWO** examples of complimentary colours.

_____ and _____

_____ and _____

(2)

This question continues on next page.

iv. Jason created the following motif using batik. On the motif, draw and label **TWO** embroidery stitches that Jason can make use of.

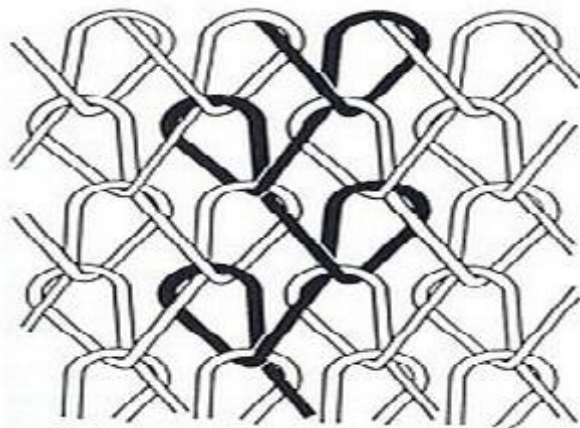
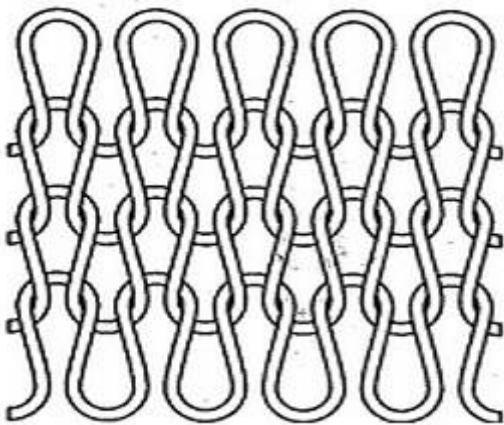


Source: shorturl.at/hkGW0

(4)

(Total: 18 marks)

5. This question is about knitting.
a. Identify the following types of knitting.



Source: shorturl.at/muL89

| | |
|----|-----|
| i. | ii. |
|----|-----|

(1)

b. State **ONE** characteristic of **both** types of knitting.

| |
|--------------|
| Knitting i: |
| Knitting ii: |

(2)

c. Describe **THREE** guidelines that one must follow when sewing knitted fabric.

- _____
- _____
- _____

(3)

d. In the boxes provided, draw **ONE** item that can be made from **each** type of knitting.



Knitting i.



Knitting ii.

(2)

(Total: 8 marks)

6. This question is about polyester fabric.
Dave has just bought some polyester fabric.

a. State the source of polyester: _____ (1/2)

b. One of the properties of polyester fabric is that it is hydrophobic. Explain the word hydrophobic.

_____ (2)

c. Describe **ONE** other property of polyester.

_____ (1)

This question continues on the next page.

- d. Clara has a shirt which is 100% polyester.
 - i. Outline how Clara should wash her shirt.

_____ (1)

- ii. Clara spilt coffee with milk on her shirt. State the type of detergent Clara can use to clean her shirt.

_____ (½)

- iii. Explain the process of treating the coffee stain.

| | |
|----|--|
| 1. | |
| 2. | |
| 3. | |

(3)

- e. Identify **ONE** fabric which is commonly blended with polyester.

_____ (1)

(Total: 9 marks)



SUBJECT: **Textiles and Design**
 PAPER NUMBER: IIB
 DATE: 28th June 2021
 TIME: 4:00 p.m. to 6:05 p.m.

Answer **ALL** questions.

SECTION A (40 marks)

1. The sewing machine is a very useful piece of equipment.

a. Use the words provided to label the **SIX** different parts of the sewing machine on the diagram below.

Presser foot, Bobbin winder, Reverse lever, Stitch length selector,
Bobbin compartment, Balance wheel



Source: <https://set-magazine.com>

(6)

b. Thread the sewing machine on the diagram above.

(1)

c. Match the parts of the sewing machine with the correct function.

| | Part | | Function |
|----|-------------------------|--|--|
| 1. | Thread guide | | Helps the fabric to move. |
| 2. | Needle clamp | | Pulls the thread from the spool through the machine. |
| 3. | Thread take-up lever | | Holds the needle in place. |
| 4. | Stitch pattern selector | | This is a small metal ring, on the face of sewing machine. It keeps the thread in position and guides the thread from the spool to the needle. |
| 5. | Feed dog | | Selects the type of pattern you want to sew. |

(5)

d. Describe **TWO** safety procedures that one must follow when using the sewing machine.

- _____
- _____ (2)

e. The pictures below show sewing machine faults.

Explain how to remedy each fault.



| |
|--|
| <p>Fault: Puckered seams</p> <p>Remedy: _____</p> <p>_____ (1)</p> |
|--|

Source: <https://blog.londasfiles.com>



| |
|---|
| <p>Fault: Broken Needle</p> <p>Remedy: _____</p> <p>_____ (1)</p> |
|---|

Source: shorturl.at/wySX3



Source: shorturl.at/dtwBJ

| |
|------------------------|
| Fault: Missed stitches |
| Remedy: _____ |
| _____ (1) |

(Total: 17 marks)

2. a. What is the use of a mood board?

_____ (2)

b. List **TWO** categories of people who make use of mood boards.

_____ (1)

c. Mention **THREE** items that can be added to a mood board.

| | | |
|--|--|--|
| | | |
|--|--|--|

(1½)

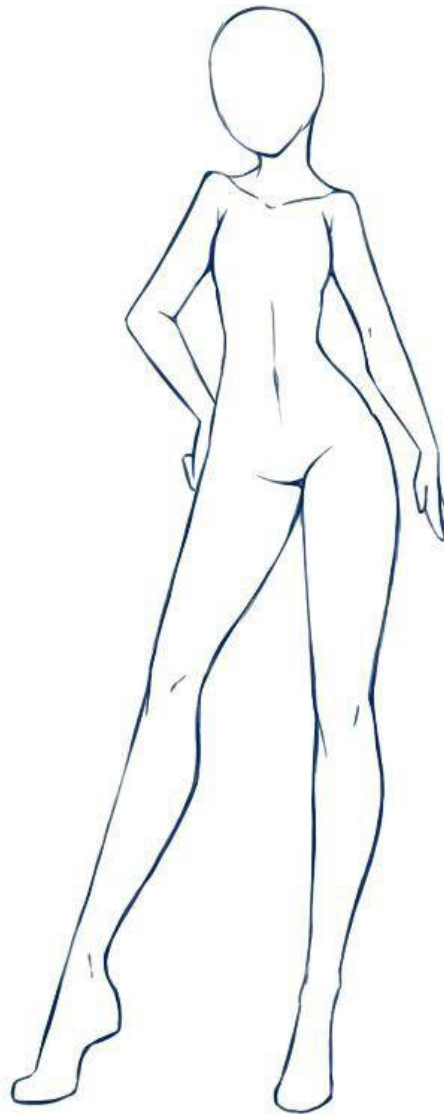
d. Amy has a pear body shape.

i. Amy will be attending a birthday party. In the space provided on the following page, design a complete outfit for Amy’s pear body shape. (3)

ii. Draw **TWO** suitable accessories. (2)

iii. Colour the outfit. (1)

This question continues on next page.



Source: shorturl.at/bkFW1

e. Suggest **TWO** other occasions where Amy can wear the outfit you designed.

_____ (1)

f. List **TWO** advantages and **TWO** disadvantages of making your own clothes.

| | |
|-----------------|--|
| Advantage 1: | |
| Advantage 2: | |
| Disadvantage 1: | |
| Disadvantage 2: | |

(4)

g. Adverts can be highly persuasive.

i. Identify **TWO** techniques that are used in adverts to persuade customers to buy.

- _____
- _____ (2)

ii. Mention **THREE** places where fashion adverts may be found.

| | | |
|--|--|--|
| | | |
|--|--|--|

(1½)

iii. Describe what a fashion blogger/influencer is.

_____ (2)

h. Mention **TWO** of the best times of the year when shopping for clothes can be done at bargain prices.

- _____
- _____ (2)

(Total: 23 marks)

SECTION B (60 marks)

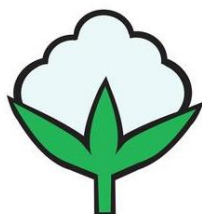
3. The following question is about silk.

a. Underline the correct answer:

Silk is a (regenerated / synthetic / natural) fibre. (½)

b. i. Look at the pictures below and circle the source of silk. (½)

ii. List the name of **each** source of fibre under each picture.



| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

Source: shorturl.at/kyDM9
(2)

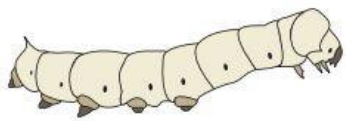
This question continues on next page.

iii. List **TWO** properties of silk.

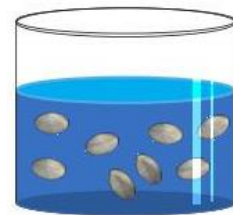
- _____
- _____ (2)

c. Use the diagrams below to explain the process of silk manufacturing by filling in the missing words using the words provided.

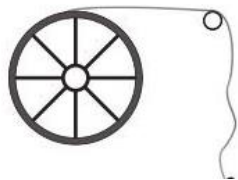
thread, worms, cocoon, moth, dried, mulberry, hot, yarn, end, filament



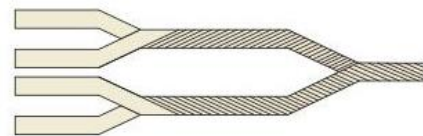
i. The _____ larvae feeds on _____ leaves until it starts spinning a _____ around itself.



ii. The pupae inside are killed using _____ water which kills the _____ and loosens the _____.



iii. One _____ of the silk is passed through an eyelet and the _____ is reeled on to the wheel.



iv. Filaments are washed, _____ and twisted to form _____.

Source: shorturl.at/gyEJ3

d. Write **ONE** precaution that one must take when sewing silk. (5)

_____ (1)

e. Circle the correct type of thread and needle to use when sewing silk.

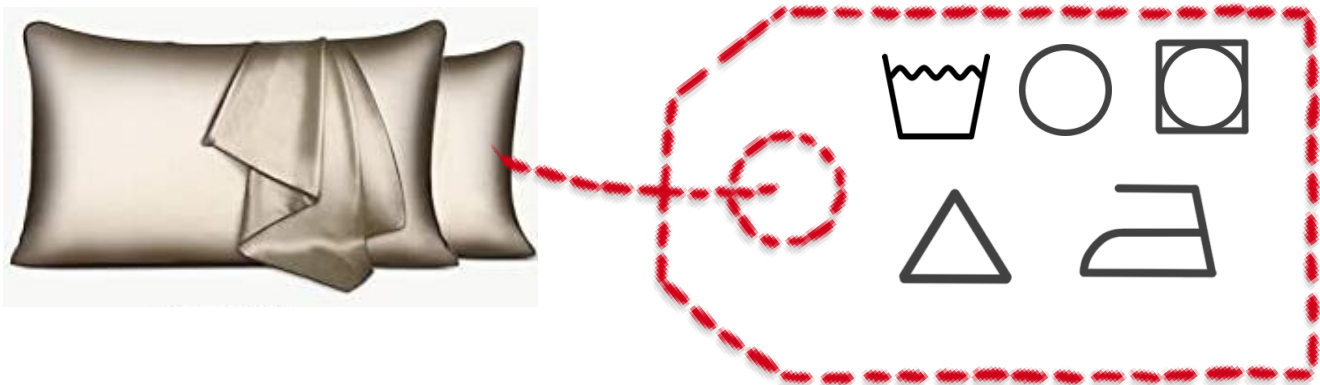
| Thread | | | |
|------------------|-------------------|-------------------|----------------|
| Polyester | Embroidery | Cotton | Metallic |
| Needle | | | |
| Universal Needle | Fine Sharp needle | Ball Point Needle | Stretch needle |

(1)

f. List **TWO** pieces of equipment required to iron silk.

_____ (1)

g. Ellie has just bought a new silk pillowcase. In the space provided, fill-in a care label for silk.



Source: shorturl.at/yINS8
 Source: <https://wunderlabel.co.uk>

(5)

h. Ellie noticed that after washing the pillowcase the colour faded.

i. List **TWO** rights that Ellie has as a consumer.

- _____
- _____ (2)

This question continues on next page.

ii. Ellie needs to redress her situation. Place the following steps in order.

| | |
|--|---|
| | Ask to speak to a customer representative and explain what happened including how you cared for the item. |
| | Stop using the item and carefully pack it. |
| | Ask for a product replacement or refund. |
| | Go back to the shop and if available take receipt with you. |
| | Thank the customer representative and if not satisfied, ask to speak to the manager. |

(5)

i. Name **ONE** main silk producing country.

_____ (1/2)

(Total: 25½ marks)

4. This question is about creative textile techniques.

Jason would like to experiment with creative textile techniques and decided to try Batik.

a. Explain what is Batik.

_____ (2)

b. Mention **FIVE** tools or materials required when making Batik.

| | | | | |
|--|--|--|--|--|
| | | | | |
|--|--|--|--|--|

(2½)

c. Label the protective equipment that Jason must wear when doing Batik.

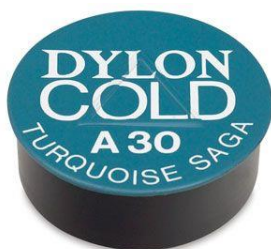


Source: shorturl.at/rJS57

| | | |
|--|--|--|
| | | |
|--|--|--|

(1½)

d. Circle the type of dye that Jason must use and give a reason for your answer.



Source: shorturl.at/QZ246

Reason: _____

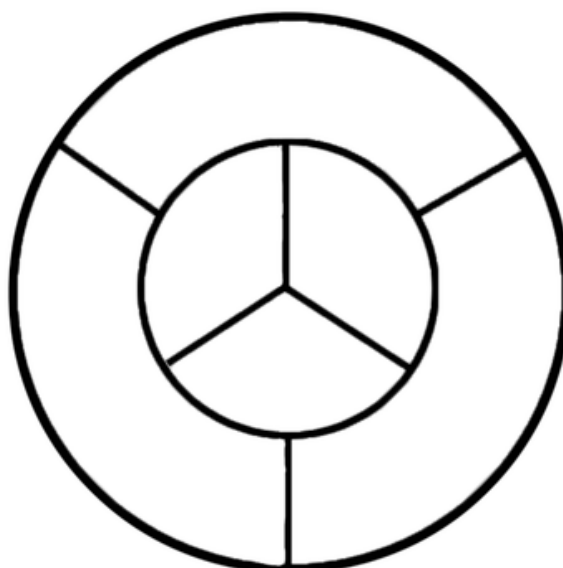
_____ (1/2, 2)

e. Colours need to be considered carefully when doing creative textile techniques.

i. What is a colour wheel?

_____ (2)

ii. In the space below, fill-in a simple colour wheel and label the primary and secondary colours.



Source: shorturl.at/movMU

(6)

iii. Give **TWO** examples of complimentary colours.

_____ and _____
_____ and _____

(2)

This question continues on next page.

iv. Jason created the following motif using batik. On the motif, draw and label **THREE** embroidery stitches that Jason can make use of.



Source: shorturl.at/hkGW0
(6)

f. Name **THREE** other methods of colouring fabric.

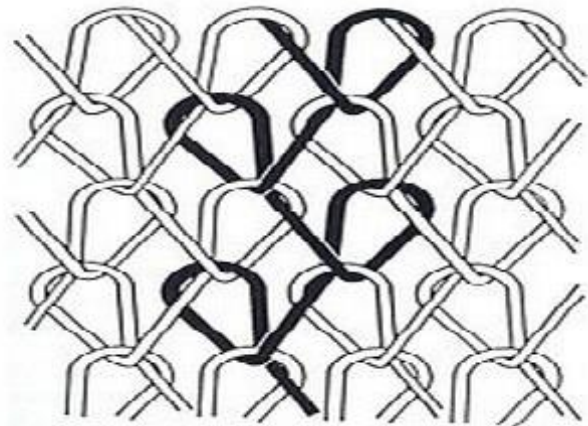
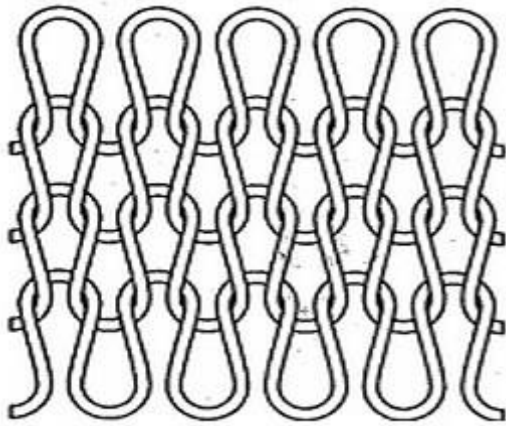
| | | |
|--|--|--|
| | | |
|--|--|--|

(1½)

(Total: 26 marks)

5. This question is about knitting.

a. Label the following types of knitting: warp and weft knitting.



Source: shorturl.at/muL89

| | |
|----|-----|
| i. | ii. |
|----|-----|

(1)

b. In the box provided, draw **ONE** item that can be made from each type of knitting.



Warp Knitting



Weft Knitting

(2)

(Total: 3 marks)

Please turn the page.

6. This question is about polyester fabric.

Dave has just bought some polyester fabric.

a. Mention **TWO** properties of polyester.

- _____
- _____ (2)

b. Clara has a shirt which is 100% polyester.

i. Explain how Clara should wash her shirt.

_____ (2)

ii. Clara spilt coffee with milk on her shirt. Underline the correct type of detergent Clara can use to clean her shirt.

Biological Detergent

Non-Biological Detergent

Powder

(1)

c. List **ONE** type of fabric which is commonly blended with polyester.

_____ (½)

(Total: 5½ marks)