

CANDIDATE
NAME

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FASHION AND TEXTILES

6130/01

Paper 1 Theory

October/November 2018

2 hours

Candidates answer on the Question Paper.

Additional Materials: Ruler
 Small piece of fabric, needle and thread

READ THESE INSTRUCTIONS FIRST

Write your Centre number, candidate number and name on the work you hand in.

Write in dark blue or black pen.

You may use an HB pencil for any diagrams or rough working.

Do not use staples, paper clips, glue or correction fluid.

DO **NOT** WRITE IN ANY BARCODES.

You should illustrate your answers by means of clear, bold diagrams wherever necessary.

You may use a needle and thread and a small piece of fabric to help in making drawings of stitches.

This fabric should **not** be handed in with your work.

Section A

Answer **all** parts of Question 1.

You are advised to spend no longer than 40 minutes on Section A.

Section B

Answer any **three** questions.

The number of marks is given in brackets [] at the end of each question or part question.

This document consists of **21** printed pages and **3** blank pages.

Section A

Answer **all** questions in this section.

1 Fig. 1 is a drawing of a tunic.



Fig. 1

(a) (i) Polyester crêpe is a suitable fabric for the tunic in Fig. 1.

Describe polyester crêpe fabric.

Appearance

Feel/handle

[2]

(ii) State the **construction** method used to make polyester crêpe fabric.

..... [1]

(iii) Give **two** reasons why polyester crêpe is a suitable fabric for the style of tunic in Fig. 1.

Reason 1

.....

Reason 2

.....

[2]

(iv) Identify the **group** of fibres to which polyester belongs.

..... [1]

- (v) Identify **one** natural fibre that could be used to make a crêpe fabric suitable for the style of tunic in Fig. 1. Give **one** reason for your choice.

Name of natural fibre	Reason for choice

[2]

- (b) (i) The neckline opening of the tunic in Fig. 1 is finished with a facing. Identify **another** way to finish the neckline opening.

..... [1]

- (ii) Identify **one** suitable side seam for the polyester crêpe tunic in Fig. 1.

..... [1]

- (iii) Explain, using notes and labelled diagrams, how to make the side seam identified in 1(b)(ii).

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[4]

- (iv) Garments are pressed during construction. State **three** stages at which the tunic in Fig. 1 should be pressed. Give **one** reason for each answer.

Stages when pressing is needed	Reason
1	
2	
3	

[6]

- (v) Describe how **three** different components could be used to decorate the tunic in Fig. 1. You may use labelled sketches in your answer.

Component	How the component could be used to decorate the tunic
1	
2	
3	

[3]

- (c) (i) All garments must have care labels. Sketch the correct symbols found on the care label for the polyester crêpe tunic in Fig. 1.

Process	Care symbol
Washing	
Ironing	
Drying	

[3]

- (ii) The manufacturer will use batch production to make quantities of the tunic shown in Fig. 1. Give **two** reasons for this choice of production method.

Reason 1

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Reason 2

.....

[2]

- (d) State **three** ways to recycle the tunic in Fig. 1.

1

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2

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3

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[3]

(e) (i) State **three** safety rules to follow when using and storing dyes.

1

2

3

[3]

(ii) Explain why care must be taken when disposing of water used to dye textiles.

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..... [2]

(f) (i) Explain the term micro-encapsulation.

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.....

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..... [2]

(ii) Give **two** examples of how micro-encapsulation is used in textile products.

Example 1

.....

Example 2

.....

[2]

[Total: 40]

Section B

Answer **three** questions from this section.

2 (a) Explain the following terms:

Filament fibres

Staple fibres

[2]

(b) Explain how to make yarn from sheep's wool.

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[4]

(c) Explain the following performance characteristics of wool:

1 Washability

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2 Moth resistance

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3 Elasticity

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[6]

(d) Discuss the differences between **three** construction methods used to make fabrics from wool. Give examples of garments or fashion accessories that could be made from the different wool fabrics.

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..... [8]

[Total: 20]

3 Fig. 2 is a drawing of the front and back views of an unlined skirt.

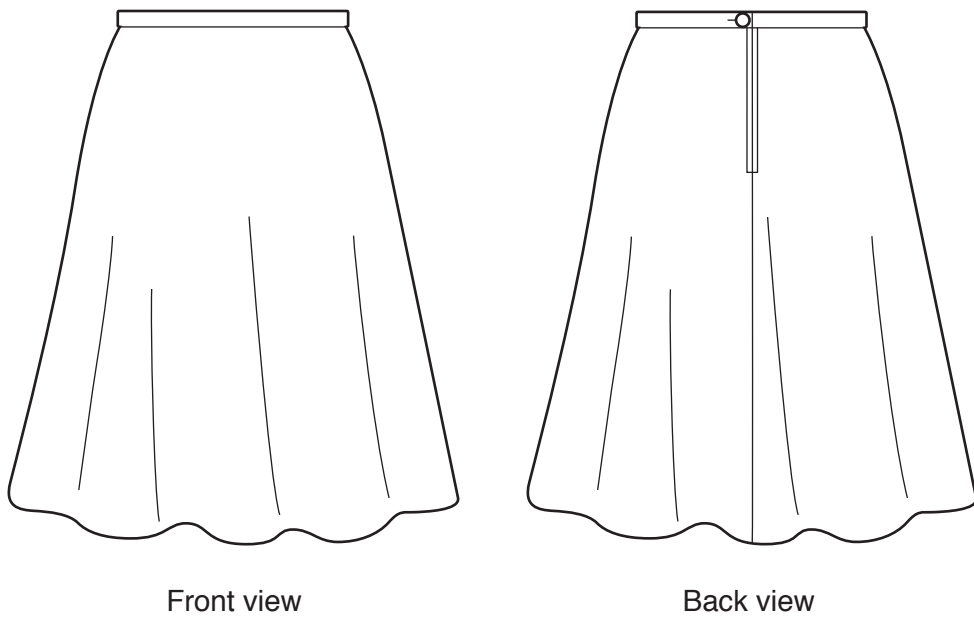


Fig. 2

(a) (i) The skirt in Fig. 2 has a stiffened waistband. Identify **one** different method of finishing a skirt waist. State **one** advantage of using this method.

Waist Finish	One advantage

[2]

(ii) Identify **two** different pockets suitable for the skirt in Fig. 2.

Pocket 1

Pocket 2

[2]

(b) Explain, using notes and labelled diagrams, the correct order of work to insert a zip into the centre back seam of the skirt shown in Fig. 2.

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[6]

- (c) (i) Draw and label an original design for an embroidered pattern to go on the skirt in Fig. 2. You must label any colour used in your design.

[3]

- (ii) Indicate an appropriate position of the design on the skirt in Fig. 3.

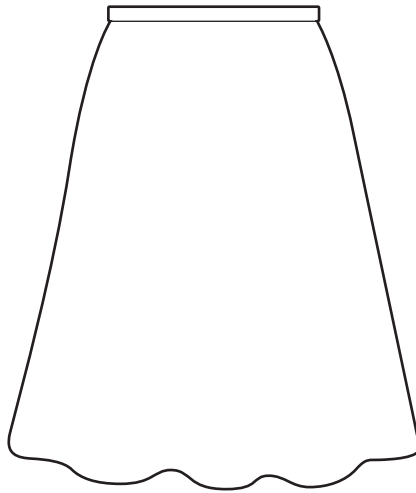


Fig. 3

[1]

4 (a) (i) Sketch and label the **front** and **back** views of a summer top. The top should have short raglan sleeves.

[3]

(ii) Identify **one** suitable knitted fabric for the top in 4(a)(i).

.....[1]

(iii) Give **three** reasons why the fabric named in 4(a)(ii) is suitable for the summer top.

Reason 1

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Reason 2

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Reason 3

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[3]

(b) Explain how to lengthen the front pattern for the summer top in 4(a)(i) to make a dress. You may use labelled diagrams to support your answer.

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[5]

(c) Compare the different hem finishes that could be used when making garments. Give examples of fabrics and styles to support your answer.

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[8]

[Total: 20]

5 (a) (i) State **one** use for each of the following machine stitches:

Zig-zag stitch

Overlocking

Free machining

[3]

(ii) Explain how to do zig-zag stitch using a sewing machine.

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[4]

(b) (i) Identify the production method used to make a unique dress for a special occasion.

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[1]

(ii) State **four** ways the production method named in 5(b)(i) is different from other production methods.

1

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2

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4

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[4]

(ii) Give **two** reasons for your choice of fastening in **6(b)(i)**.

Reason 1

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Reason 2

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[2]

(iii) Explain why cotton is an environmentally friendly fibre.

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[2]

(iv) State **two** reasons why calico is a suitable fabric for a shopping bag.

Reason 1

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Reason 2

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[2]

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