



Cambridge O Level

CANDIDATE
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FASHION & TEXTILES

6130/01

Paper 1 Theory

October/November 2022

2 hours

You must answer on the question paper.

You will need: Ruler
Small piece of fabric, needle and thread

INSTRUCTIONS

- Answer **four** questions in total:
Section A: answer **all** parts of Question 1.
Section B: answer **three** questions.
- Use a black or dark blue pen.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answer to each question in the space provided.
- Do **not** use an erasable pen or correction fluid.
- Do **not** write on any bar codes.
- You may use an HB pencil for any diagrams or rough working.
- You should illustrate your answers with 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.

INFORMATION

- The total mark for this paper is 100.
- The number of marks for each question or part question is shown in brackets [].

This document has **20** pages. Any blank pages are indicated.



Section A

Answer **all** parts of Question 1.

- 1 Fig. 1.1 is a drawing of a shirt.



Fig. 1.1

- (a) (i) Identify **one** blended fibre yarn that would be suitable to make the fabric for the shirt in Fig. 1.1.

..... [1]

- (ii) Give **two** reasons for your choice of blended fibre.

Reason One

Reason Two [2]

- (iii) List **four** factors to consider when selecting a fabric for the shirt in Fig. 1.1.

1

2

3

4 [4]

- (b) (i) Identify **two** components used in the shirt in Fig. 1.1.

.....

..... [2]

- (ii) Identify a suitable pocket for the shirt in Fig. 1.1.

..... [1]

- (c) (i) A designer decides to make the shirt in Fig. 1.1 from fabric with a large check design. State how this may affect the amount of fabric needed to make the shirt.

..... [1]

- (ii) Identify **one** pattern alteration that could be made to control fullness in the shirt in Fig. 1.1.

..... [1]

- (iii) Describe how to alter the paper pattern for the sleeve of the shirt in Fig. 1.1 to make **short** sleeves. You may use diagrams to support your answer.

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[4]

(d) (i) Identify the type of hem used on the shirt in Fig. 1.1.

..... [1]

(ii) French seams have been used on the shirt in Fig. 1.1. State the correct order of work to make a French seam. You may use diagrams to support your answer.

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[4]

(iii) State **two** advantages of using French seams for the shirt in Fig. 1.1.

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..... [2]

5

- (e) The fabrics and style details of the shirt in Fig. 1.1 are changed each season to reflect current fashion. Identify the production method used to make the shirt in Fig. 1.1.

..... [1]

- (f) Sketch and label a design for a pair of shorts to wear with the shirt in Fig. 1.1.

[4]

- (g) State **two** causes for each of the following problems when sewing on an electric sewing machine.

The thread breaks

1

2

Missed stitches

1

2

Broken needle

1

2

[6]

- (h) State **three** safety rules to follow when using sharp items of small equipment.

1

2

3

[3]

- (i) (i) Identify **two** methods of knitting.

.....

..... [2]

- (ii) State **one** difference between the two methods of knitting identified in question 1(i)(i).

..... [1]

[Total: 40]

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Section B

Answer any **three** questions from this section.

- 2 (a) (i) Identify **one** raw material used to make nylon fibre.

..... [1]

- (ii) Identify **two** fabrics that can be made from nylon fibre.

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..... [2]

- (b) Describe the stages of cotton production from when the cotton is picked to when the cotton is spun into yarn.

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..... [5]

- (c) Compare the performance characteristics of fabrics made from nylon fibres with those of fabrics made from cotton fibres.

[6]

- (d)** Discuss the advantages of using iron-on non-woven bonded interfacing, instead of sew-in woven interfacing.

[6]

[Total: 20]

- 3 (a) (i) Sketch and label a design for a quilted evening bag. Include suitable embellishments and a fastener in your design.

[4]

- (ii) State the correct order of work to quilt fabric for the bag sketched in question 3(a)(i).

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..... [4]

(b) Discuss the advantages and disadvantages of using a **quilted fabric** to make an evening bag.

[6]

(c) Evaluate the range of components that could be used to embellish a quilted evening bag.

[6]

[Total: 20]

4 (a) List **four** items of pressing equipment used in the production of textiles.

- 1
- 2
- 3
- 4 [4]

(b) (i) Identify **four** ways in which Computer Aided Manufacture (CAM) is used in factory production of garments.

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- [4]

(ii) Evaluate the use of Computer Aided Manufacture (CAM) in factory production of garments. Give examples to support your answer.

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- [6]

- (c) Discuss the ways in which a manufacturer can reduce waste in garment production. Give examples of environmentally friendly ways to dispose of any textile waste.

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[Total: 20]

- 5 (a) (i) State the correct order of work for silk painting.

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..... [4]

- (ii) Identify **one** problem that may occur when silk painting.

..... [1]

- (b) (i) Identify **one** edge finish suitable for a scarf made from silk fabric.

..... [1]

- (ii) Explain how to make the edge finish identified in question **5(b)(i)** on silk fabric.

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..... [2]

(c) Evaluate **two** resist methods of applying colour to cotton fabric.

[6]

(d) Scarf fabric can be made from different fibres. Compare the characteristics of cotton scarves with those of woollen scarves.

[6]

[Total: 20]

- 6 Fig. 6.1 is a drawing of a skirt with a faced finish to the waistline.

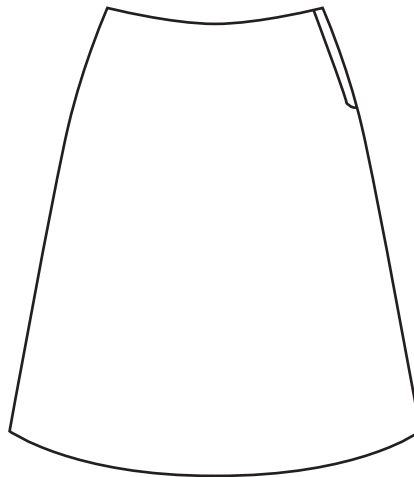


Fig. 6.1

- (a) (i) The waistline of the skirt in Fig. 6.1 is finished with a shaped facing. Explain the correct order of work to apply the shaped facing to the skirt waistline. You may use diagrams to support your answer.

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[6]

(ii) Explain why the shaped facing might need to be strengthened.

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..... [2]

Fig. 6.2 is a drawing of an elasticated waist skirt.

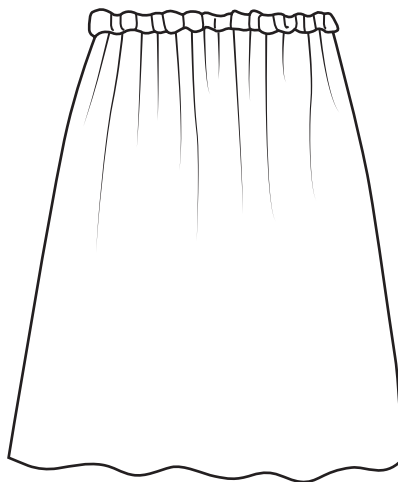


Fig. 6.2

- (b) Compare the faced waistline skirt in Fig. 6.1 with the elasticated waist skirt in Fig. 6.2. Consider suitable fabrics and how the skirts would be made and worn.

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..... [6]

- (c) Sketch and label an innovative original design for a skirt for a person who uses a wheelchair. Include reasons for your design choices and suitable fastenings.

[6]

[Total: 20]

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