



## Cambridge O Level

CANDIDATE  
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**FASHION & TEXTILES**

**6130/01**

Paper 1 Theory

**October/November 2021**

**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 **24** pages. Any blank pages are indicated.

Section A

Answer all parts of Question 1.

Fig. 1.1 is a drawing of a waistcoat.

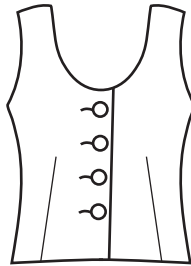


Fig. 1.1

1 (a) (i) The waistcoat in Fig. 1.1 is made from velvet fabric. Identify **two** different fibres that could be used to make velvet fabric.

Fibre 1 .....

Fibre 2 .....

[2]

(ii) Describe the appearance and handle of velvet fabric.

Appearance .....

Handle .....

[2]

(iii) Identify a suitable fabric to line the waistcoat in Fig. 1.1.

..... [1]

(iv) Give **two** reasons for your choice of lining fabric.

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..... [2]

(v) Identify **one** component used in the waistcoat in Fig. 1.1.

..... [1]

(vi) Identify **one** type of pocket to use on the waistcoat in Fig. 1.1. Give **one** reason for your choice.

Type of pocket .....

Reason for choice .....

..... [2]

(vii) State **three** ways to recycle the waistcoat in Fig. 1.1.

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..... [3]

(b) (i) State **four** factors to consider when buying a new iron.

1 .....

2 .....

3 .....

4 .....

..... [4]

(ii) Identify **three** different types of scissors used in making textile items.

1 .....

2 .....

3 .....

..... [3]

(c) (i) Explain **two** ways in which fashion has an impact on the environment.

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..... [4]

(ii) Give **three** reasons to buy garments that are made from natural fibres.

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..... [3]

(d) (i) Explain the importance of the information on a commercial paper pattern envelope.

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..... [4]

(ii) Explain how to alter the paper pattern for the front of the waistcoat in Fig. 1.1 to make a V-shaped neckline. You may use diagrams to support your answer.

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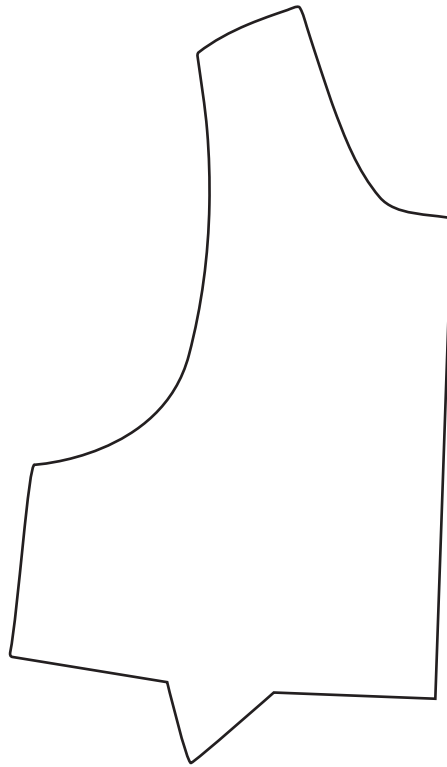
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- (iii) Fig. 1.2 is the pattern piece for the front of the waistcoat shown in Fig. 1.1. Draw and label **three** pattern markings on Fig. 1.2.



**Fig. 1.2**

[3]

- (e) Explain how to attach fusible interfacing to a collar.

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[2]

[Total: 40]

**Section B**

Answer **three** questions.

2 (a) (i) Identify **one** synthetic fibre.

..... [1]

(ii) Identify **two** raw materials used to make the fibre identified in **2(a)(i)**.

1 .....

2 .....

[2]

(b) Define the following terms:

(i) Spinneret .....

.....

(ii) Filament fibre .....

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[2]

(c) Thermoplasticity is a performance characteristic of synthetic fibres. Explain the meaning of the term **thermoplasticity**.

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..... [3]

(d) Explain how the performance characteristics of **synthetic microfibres** make them suitable for fabric for outdoor clothing. Give examples of fabrics to support your answer.

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3 Fig. 3.1 is a photograph of a starfish.



**Fig. 3.1**

- (a) (i) Sketch and label a design for a hand embroidered embellishment based on the photograph of the starfish in Fig. 3.1. Your design should be labelled to show the colours used and **three** hand embroidery stitches.

(ii) Sketch a **repeat** pattern based on the design sketched in answer to **3(a)(i)**.

[1]

(iii) Sketch **one** way that the repeat pattern in the answer to **3(a)(ii)** could be used on a garment or fashion accessory.

[2]

(b) Discuss the factors to consider when selecting fabrics for a **skirt**.

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4 (a) (i) Identify **one** textile product that would be made using mass production. [1]

(ii) Explain **three** advantages of using mass production to make the textile product named in 4(a)(i).

..... [3]

(iii) State **one** disadvantage of using mass production to make the textile product named in 4(a)(i).

..... [1]

(b) Identify **three** reasons for pressing a textile item during and after construction. [3]

(c) Discuss the advantages to the manufacturer of using CAD/CAM when **laying out** fabric ready for cutting.

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(d) Discuss the importance of following **safety rules** when using a sewing machine.

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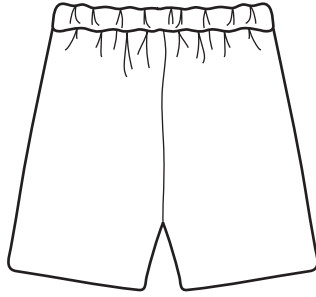
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[Total: 20]





**Fig. 5.1**

Fig. 5.1 is a drawing of a pair of shorts.

**5 (a) (i)** State the correct order of work to make the shorts in Fig. 5.1.

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..... [6]

**(ii)** Identify **two** hand-worked stitches that might be used when making the shorts in Fig. 5.1.

1 .....

2 ..... [2]

(iii) Compare **two** different methods of neatening the seams of the shorts in Fig. 5.1.

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- (c) Compare **two** construction methods used to make knitted fabrics. You may use labelled diagrams in your answer.

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