

Surname	Centre Number	Candidate Number
First name(s)		2



GCE A LEVEL

1602U30-1



S25-1602U30-1

MONDAY, 2 JUNE 2025 – MORNING

DESIGN AND TECHNOLOGY – A2 unit 3
Fashion and Textiles

2 hours 30 minutes

ADDITIONAL MATERIALS

A calculator, ruler, pencils and coloured pencils.

INSTRUCTIONS TO CANDIDATES

Use black ink or black ball-point pen. Do not use gel pen or correction fluid.

You may use a pencil for graphs and diagrams only.

Write your name, centre number and candidate number in the spaces at the top of this page.

Answer **all** questions.

Write your answers in the spaces provided in this booklet. If you run out of space, use the additional page(s) at the back of the booklet, taking care to number the question(s) correctly.

INFORMATION FOR CANDIDATES

The number of marks is given in brackets at the end of each question or part-question. You are advised to divide your time accordingly.

The total number of marks available is 100.

You are reminded of the need for good English and orderly, clear presentation in your answers.

The quality of your written communication, including appropriate use of punctuation and grammar, will be assessed in your answer to question **10**.

For Examiner's use only		
Question	Maximum Mark	Mark Awarded
1.	8	
2.	8	
3.	12	
4.	12	
5.	8	
6.	8	
7.	12	
8.	12	
9.	8	
10.	12	
Total	100	

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Answer **all** questions.

1. Fashion trends originate from different sectors of society.

(a) The pictures below show street style fashion.



Explain what is meant by street style fashion and where it originates from.

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(b) Explain the importance of fashion predictions in the commercial development of contemporary fashion products.

[4]

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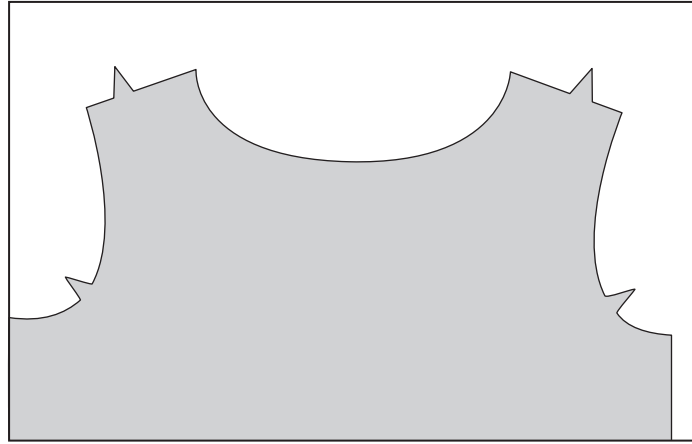
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2. Different techniques and processes are used in garment construction.

- (a) On the bodice diagram below, draw where stay stitching would need to be applied and explain the importance of applying this process. [4]



Explanation:

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- (b) Draw cords are used to add shape to clothing. Using notes and sketches, explain how a draw cord closure is constructed and how it would add shape to a waistline. [4]

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3. The rucksack-style bag pictured below is aimed at the eco-conscious individual.



Product information

- Vegan nylon
- Cotton webbing straps
- Made from 12–15 plastic bottles
- Two handles
- Weather resistant
- Secure zipped pockets
- Dimensions: 40 cm × 30 cm × 12 cm
- Padded space for laptop/tablet

(a) Explain why this bag would appeal to an eco-conscious individual.

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- (b) Explain how the fabric, components and the quality of construction contribute to the rucksack-style bag being considered sustainable. [5]

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- (c) During development, the prototype rucksack-style bag would have been subjected to testing.

Describe how the rucksack-style bag would have been tested to ensure the manufactured product would function as intended and fully meet the needs and expectations of the user. [4]

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4. Study the pictures of the body warmer with heated panels and product information shown below.



Product information

- Unisex sizing: S, M, L and XL
- Range of colourways
- 16 hours of heating power on one charge
- Four heat zones
- Three temperature levels
- Instant heat in any conditions

- (a) Explain why the sizing of the body warmer would meet the needs of a diverse range of users. [3]

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- (b) Discuss how the heated body warmer meets the functional requirements of users. [4]

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- (c) Explain how specific advances in material technology have made the development of the heated body warmer possible. [5]

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5. Market research is important in the development of fashion and textile products.

(a) Explain the importance of market research in innovation and design.

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(b) Discuss the advantages of using digital media to market fashion and textile products. [4]

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6. Computer technology is used throughout the fashion and textile manufacturing industry.

- (a) Explain how Computer Integrated Manufacturing (CIM) supports manufacturers in the fashion and textile industry. [3]

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- (b) (i) Explain how technology is used to help manufacturers minimise fabric waste. [2]

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- (ii) Discuss the advantages to the manufacturer of using automated machinery for cutting fabric. [3]

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7. Textile fibres are blended together for different reasons.

- (a) Evaluate the benefits of using fabrics made from blended fibres to make contemporary clothing. Include specific named examples in your response. [8]

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- (b) Explain the importance of labelling on new fashion and textile products. [4]

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8. Fashion and textile products are manufactured using different types of production.

- (a) Explain why some manufacturers might use subcontractors in the production of fashion and textile products. [4]

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- (b) Discuss the importance of producing a final prototype before a fashion garment is mass produced. [8]

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9. Explain how a critical analysis of existing products can inspire fashion and textile designers to be more innovative and creative with their own ideas. [8]

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10. Environmental concerns related to the fashion industry are well documented, with interest in more sustainable fashion continuing to grow.

Analyse whether synthetic fibres have a place in sustainable fashion. [12]

Marks will be awarded for the content of the answer and the quality of written communication.

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