

X116/301

NATIONAL
QUALIFICATIONS
2010

TUESDAY, 8 JUNE
1.00 PM – 3.00 PM

HOME ECONOMICS
FASHION AND
TEXTILE
TECHNOLOGY
HIGHER

80 marks are allocated to this paper.

This paper consists of **two** sections.

Candidates should attempt the following:

Section A — All questions

Section B — Question 1 and any other **two** questions.

The breakdown of Knowledge and Understanding (**KU**) and Evaluation (**EV**) marks are indicated beside each question.



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SECTION A

Attempt ALL questions.

You should spend approximately 30 minutes on this part of the paper.

	<i>Marks</i>
1. Name one regenerated fibre.	1
2. State one method of adding colour to a textile.	1
3. Name one fabric which can be made from silk.	1
4. Give the term for the colours which are directly opposite on the colour wheel.	1
5. What does the abbreviation CIM stand for?	1
6. Name one statutory label used on textiles.	1
7. Identify the term used for a trial garment made of calico.	1
8. State one advantage of an overlocker.	1
9. Identify two characteristics of elastane.	2
10. State two advantages of disassembly.	2
11. Give two advantages of mixtures and blends.	2
12. Explain each of the following terms used in market research. (i) Direct Research (ii) Quantitative Research	2
13. State two ways the Office of Fair Trading (OFT) helps the consumer.	2
14. Give one advantage and one disadvantage of bespoke tailoring.	2
	(20)

[Turn over

SECTION B

Answer THREE questions from this section: Question 1 and any other TWO questions.

You should spend approximately 30 minutes on each question.

Marks

1. (a) Identify and explain **three** stages in the production of cotton.

6 KU

(b) Using your knowledge, and the information provided in the table below, evaluate the properties of **each** of the following fibres for winter sportswear.

(i) Polyamide/nylon

(ii) Wool

6 EV

	Absorbency	Warmth	Durability	Ease of care	Elasticity
<i>Polyamide /nylon</i>	*	*	*****	*****	**
<i>Wool</i>	*****	*****	**	*	*****

Key: * = *poor* → ***** = *excellent*

(c) Identify and explain **two** benefits of breathable membranes for sportswear.

4 KU

(d) Evaluate **each** of the following performance fabrics for outdoor wear.

(i) UV reactive

(ii) Phase change

4 EV

(20)

2. (a) Identify and explain **three** reasons for wearing clothes. **6 KU**
- (b) Evaluate the use of market research to a fashion retailer. **3 EV**
- (c) Explain **three** ways Vivienne Westwood has influenced fashion. **3 KU**
- (d) Explain **each** of the following stages in the development of a new range of jeans.
- (i) Concept Screening
 - (ii) Product Testing
 - (iii) First Production Run
 - (iv) Launch **4 KU**
- (e) Evaluate **each** of the following retail outlets when buying jeans.
- (i) High street fashion retailer
 - (ii) Supermarket
 - (iii) Charity shop
 - (iv) Designer store **4 EV**
- (20)**

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3. (a) Explain **three** benefits of a mood board to a designer. **3 KU**
- (b) Identify and explain **three** factors to consider when choosing clothes for a school prom. **6 KU**
- (c) Evaluate the suitability of the following fabrics for accessories.
- (i) Woven fabrics
 - (ii) Non-woven fabrics **4 EV**
- (d) Explain **one** benefit of **each** of the following chemical finishes.
- (i) Anti-bacterial
 - (ii) Mercerisation
 - (iii) Anti-pilling
 - (iv) Waterproofing **4 KU**
- (e) Evaluate the usefulness to the consumer of the Citizens Advice Bureau (CAB). **3 EV**
- (20)**

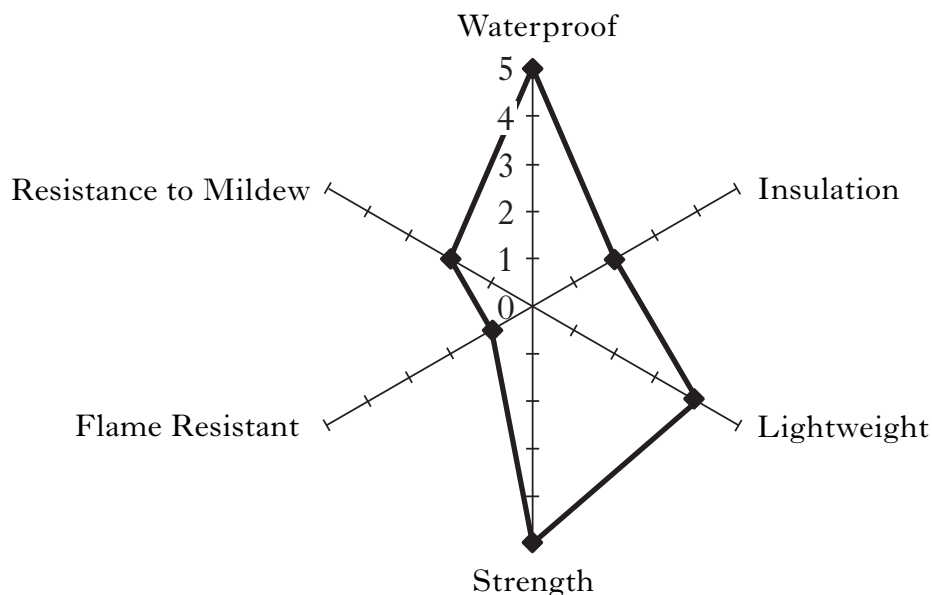
4. (a) Explain **four** benefits of eco-friendly textile products to the environment.

4 KU

(b) The star profile below shows the results of testing a new fabric.

Evaluate the suitability of this fabric for a tent.

5 EV



(c) Explain **each** of the following principles of design when developing a sleeping bag.

- (i) Quality
- (ii) Function
- (iii) Hygiene
- (iv) Aesthetics

4 KU

(d) Evaluate batch production in the manufacture of textile items.

3 EV

(e) Explain the protection offered to the consumer by the following.

- (i) Consumer Protection Act (1987)
- (ii) British Standards Institution (BSI)

2 KU

2 KU

(20)

[END OF QUESTION PAPER]

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