

FOR OFFICIAL USE

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Total Marks

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**X116/11/01**

NATIONAL  
QUALIFICATIONS  
2012

THURSDAY, 3 MAY  
1.00 PM – 2.30 PM

HOME ECONOMICS  
FASHION AND TEXTILE  
TECHNOLOGY  
INTERMEDIATE 2

Fill in these boxes and read what is printed below.

Full name of centre

--

Town

--

Forename(s)

--

Surname

--

Date of birth

Day    Month    Year

--	--	--	--	--	--

Scottish candidate number

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Number of seat

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- 1 Try to answer every question in this paper.
- 2 Read the whole of each question carefully before you answer it.  
Remember that some questions have an element of choice in them.  
The breakdown of Knowledge and Understanding (**KU**), Drawing Conclusions (**DC**) and Evaluation (**EV**) marks are indicated beside each question.
- 3 Write your answers in the spaces provided.
- 4 Additional lines at the end of the booklet can be used if more space is required for answers or if you need to do any rough work.
- 5 Before leaving the examination room you must give this book to the Invigilator. If you do not, you may lose all the marks for this paper.



Marks

1. (a) (i) Name **two** natural fibres.

Natural fibre 1 \_\_\_\_\_ 1 KU

Natural fibre 2 \_\_\_\_\_ 1 KU

(ii) Name **one** synthetic fibre.

Synthetic fibre \_\_\_\_\_ 1 KU

(iii) Name **one** regenerated fibre.

Regenerated fibre \_\_\_\_\_ 1 KU

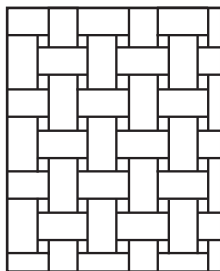
(b) Explain **each** of the following terms in yarn production.

Blending \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 1 KU

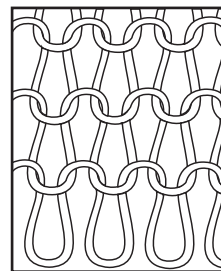
Mixing \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 1 KU

(c) Name **each** of the construction methods shown below.

**Construction Method A**



**Construction Method B**



Construction Method A \_\_\_\_\_ 1 KU

Construction Method B \_\_\_\_\_ 1 KU

1. (continued)

Marks

(d) A manufacturer is making a range of duvet covers.

Evaluate the suitability of the fabric shown below for the duvet covers.

Fabric Properties	
Ease of care	***
Crease resistance	****
Stain resistance	*
Flammability	***
Durability	**

<b>Key:</b>	
*	—————▶—————
*****	
Poor	Excellent

Evaluation 1 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ **1 EV**

Evaluation 2 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ **1 EV**

Evaluation 3 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ **1 EV**

Evaluation 4 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ **1 EV**

[Turn over

Marks

2. (a) Explain the importance of **each** of the following principles of design which a manufacturer may consider when developing a clothing range.

Aesthetics \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1 KU

Quality \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1 KU

- (b) A manufacturer is making shirts to be worn as part of a uniform for supermarket staff.

The uniform will be worn by staff who carry out the following tasks.

- Serve food
- Restock shelves/freezers
- Work in customer service
- Collect trolleys

Study the information about fabrics below and choose the **most suitable** fabric for the shirts.

Information about fabrics			
	Fabric A	Fabric B	Fabric C
Strength	***	**	***
Absorbency	****	**	**
Cost	££	££	£££
Colour range	***	**	***
Ease of care	****	***	***

**Key:**

\* → \*\*\*\*

£ → ££££

Poor

Excellent

Inexpensive

Expensive

Tick (✓) **one** of the boxes below to indicate your choice.

Fabric A

Fabric B

Fabric C

1 DC

Marks

2. (b) (continued)

Give **three** reasons for your choice.

Reason 1 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1 DC

Reason 2 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1 DC

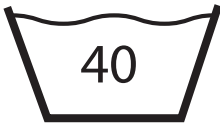
Reason 3 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1 DC

(c) Explain the meaning of **each** of the symbols shown on the care label of the uniform.



\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1 KU



\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1 KU

[Turn over

Marks

2. (continued)

(d) Study the information about shirts below and choose the **most suitable** shirt for the staff to wear as part of their uniform.

Information about shirts		
Shirt A	Shirt B	Shirt C
<ul style="list-style-type: none"> <li>• Sizes – S, M, L, XL</li> <li>• Loose fit style</li> <li>• Short sleeves</li> <li>• Logo embroidered on sleeve</li> <li>• Matching waistcoat</li> </ul>	<ul style="list-style-type: none"> <li>• Sizes – XS, S, M, L, XL</li> <li>• Standard fit</li> <li>• Short or long sleeves</li> <li>• Logo embroidered on shirt front</li> <li>• Matching fleece available</li> </ul>	<ul style="list-style-type: none"> <li>• Sizes – S–M, L–XL</li> <li>• Slim-fit style</li> <li>• Short or long sleeves</li> <li>• Logo printed on shirt front</li> <li>• Matching cap available</li> </ul>

Tick (✓) **one** of the boxes below to indicate your choice.

Shirt A       Shirt B       Shirt C

1 DC

Give **three** reasons for your choice.

Reason 1 \_\_\_\_\_

\_\_\_\_\_

1 DC

Reason 2 \_\_\_\_\_

\_\_\_\_\_

1 DC

Reason 3 \_\_\_\_\_

\_\_\_\_\_

1 DC

**[Turn over for Question 3 on *Page eight***

Marks

3. (a) Name an organisation which monitors magazine advertisements.

\_\_\_\_\_

1 KU

(b) Name **each** of the following **different** Consumer Acts from the descriptions below.

- (i)
- |  |
|--|
| <ul style="list-style-type: none"><li>• It is a criminal offence to falsely describe goods</li><li>• It is a criminal offence to mislead customers</li></ul> |
|--|

Name of Act \_\_\_\_\_

1 KU

- (ii)
- |   |
|---|
| <ul style="list-style-type: none"><li>• Goods must fit their description</li><li>• There is a contract of sale between the buyer and the seller</li></ul> |
|---|

Name of Act \_\_\_\_\_

1 KU

- (iii)
- |   |
|---|
| <ul style="list-style-type: none"><li>• It is a criminal offence to mislead consumers about the price of goods.</li><li>• It is a criminal offence to supply goods which are not safe</li></ul> |
|---|

Name of Act \_\_\_\_\_

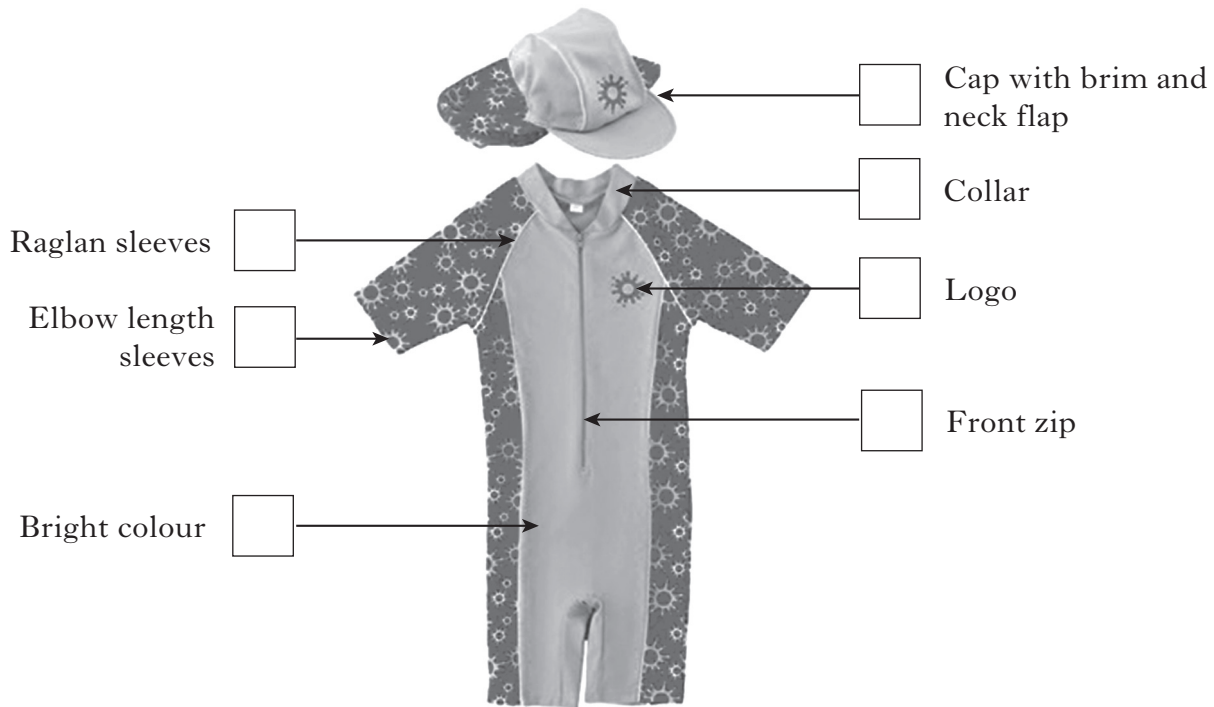
1 KU



Marks

3. (c) Study the swimwear for a child shown below and explain the importance of **four** of the design features.

Place the numbers **1, 2, 3** and **4** in the boxes to indicate your choice.



Design feature 1 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1 KU

Design feature 2 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1 KU

Design feature 3 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1 KU

Design feature 4 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1 KU

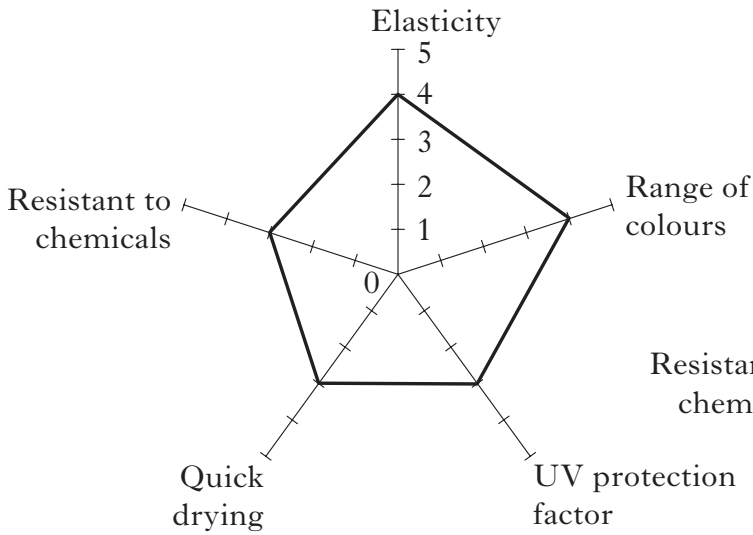
Marks

3. (continued)

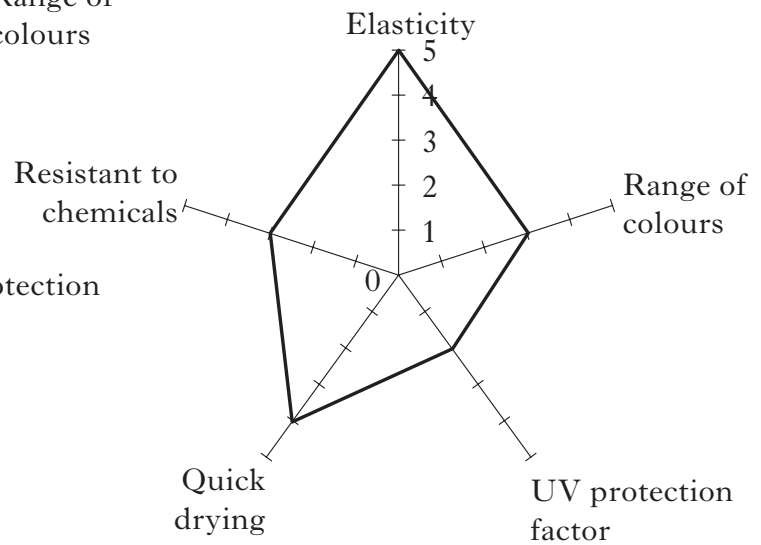
(d) Study the information about fabrics below and choose the **most suitable** fabric for the swimwear.

**Information about fabrics for swimwear**

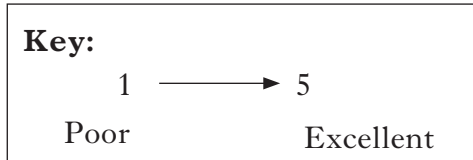
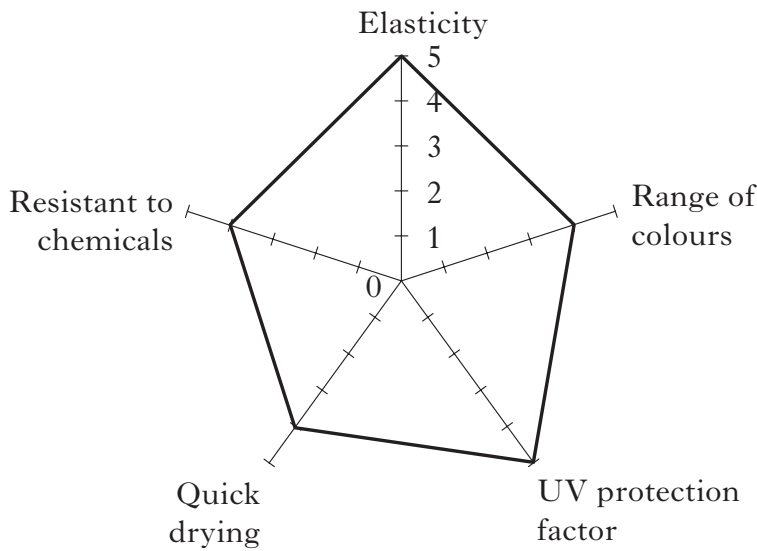
**Fabric A**



**Fabric B**



**Fabric C**



Tick (✓) **one** of the boxes below to indicate your choice.

Fabric A  Fabric B  Fabric C

1 DC

*Marks*

**3. (d) (continued)**

Give **three** reasons for your choice.

Reason 1 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**1 DC**

Reason 2 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**1 DC**

Reason 3 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**1 DC**

**[Turn over**

Marks

4. (a) The British Olympic track event team wish to buy tracksuits to wear when travelling to the Olympic stadium.

The tracksuits must:

- reflect national identity
- be easy to put on and remove
- be available in a wide range of sizes.

Study the information about tracksuits below and choose the **most suitable** tracksuit for the British Olympic track event team.

Information about tracksuits			
	Tracksuit A	Tracksuit B	Tracksuit C
Tracksuit top	<ul style="list-style-type: none"> <li>• Full length zip opening</li> <li>• Elasticated cuffs</li> <li>• Concealed hood within collar</li> </ul>	<ul style="list-style-type: none"> <li>• Short front zip opening</li> <li>• Elasticated cuffs</li> <li>• No hood</li> </ul>	<ul style="list-style-type: none"> <li>• Full length zip opening</li> <li>• Cuffs with Velcro closing</li> <li>• Hooded top</li> </ul>
Tracksuit trousers	<ul style="list-style-type: none"> <li>• Elasticated hems with zip openings</li> <li>• Elasticated waist</li> </ul>	<ul style="list-style-type: none"> <li>• Flared ankle style</li> <li>• Elasticated waist</li> </ul>	<ul style="list-style-type: none"> <li>• Elasticated hems</li> <li>• Drawstring waist</li> </ul>
Colours available	<ul style="list-style-type: none"> <li>• Red</li> <li>• Blue</li> <li>• White</li> <li>• Green</li> <li>• Black</li> </ul>	<ul style="list-style-type: none"> <li>• Black</li> <li>• White</li> <li>• Red</li> <li>• Purple</li> <li>• Green</li> </ul>	<ul style="list-style-type: none"> <li>• Blue</li> <li>• Black</li> <li>• Green</li> <li>• Pink</li> <li>• Red</li> </ul>
Sizes available	<ul style="list-style-type: none"> <li>• Small</li> <li>• Medium</li> <li>• Large</li> <li>• X-Large</li> </ul>	<ul style="list-style-type: none"> <li>• X-Small</li> <li>• Small</li> <li>• Medium</li> <li>• Large</li> </ul>	<ul style="list-style-type: none"> <li>• Small–Medium</li> <li>• Medium–Large</li> <li>• Large–X-Large</li> </ul>
Logo	<ul style="list-style-type: none"> <li>• Team logo on tracksuit top</li> </ul>	<ul style="list-style-type: none"> <li>• Choice of 3 standard logos available</li> </ul>	<ul style="list-style-type: none"> <li>• Personalised logo available at extra cost</li> </ul>

Tick (✓) **one** of the boxes below to indicate your choice.

Tracksuit A

Tracksuit B

Tracksuit C

1 DC

*Marks*

**4. (a) (continued)**

Give **three** reasons for your choice.

Reason 1 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**1 DC**

Reason 2 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**1 DC**

Reason 3 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**1 DC**

**[Turn over**

Marks

4. (continued)

(b) A manufacturing company is designing rain jackets for spectators to buy at the Olympic Games.

Evaluate the suitability of the rain jacket shown below.



Evaluation 1 \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

1 EV

Evaluation 2 \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

1 EV

Evaluation 3 \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

1 EV

Evaluation 4 \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

1 EV

*Marks*

**4. (continued)**

(c) Give **two** reasons why manufacturers carry out sensory testing on textile items.

Reason 1 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**1 KU**

Reason 2 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**1 KU**

(d) State **two** responsibilities of the Trading Standards Department.

Responsibility 1 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**1 KU**

Responsibility 2 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**1 KU**

**[Turn over**

Marks

5. (a) Explain the importance to the consumer of **three** of the following points of information found on the back of a pattern envelope.

Place the numbers **1, 2** and **3** in the boxes below to indicate your choice.

- Fabric requirements
- Sewing notions
- Back views
- Suggested fabrics
- Item description

Explanation 1 \_\_\_\_\_  
\_\_\_\_\_

1 KU

Explanation 2 \_\_\_\_\_  
\_\_\_\_\_

1 KU

Explanation 3 \_\_\_\_\_  
\_\_\_\_\_

1 KU

- (b) State **one** reason why **each** of the following would be used in the construction of a garment.

Lining \_\_\_\_\_  
\_\_\_\_\_

1 KU

Interfacing \_\_\_\_\_  
\_\_\_\_\_

1 KU



*Marks*

**5. (continued)**

(c) State **two** types of surface decoration which could be added to a garment.

Surface decoration 1 \_\_\_\_\_ **1 KU**

Surface decoration 2 \_\_\_\_\_ **1 KU**

**[Turn over**

Marks

5. (continued)

(d) A Home Economics department is buying new irons.

Study the information about irons below and choose the **most suitable** iron for the department to buy.

Information about irons			
	Iron A	Iron B	Iron C
Cost	£24.99	£25.99	£24.99
Water tank capacity	220 mls	300 mls	300 mls
Steam action	Variable steam	Variable steam with fine water spray	Variable steam with shot of steam
Weight	1.4 kg	1.2kg	1.1 kg
Features	<ul style="list-style-type: none"> <li>• Steel soleplate</li> <li>• Button groove</li> </ul>	<ul style="list-style-type: none"> <li>• Stainless steel soleplate</li> <li>• No-drip system</li> </ul>	<ul style="list-style-type: none"> <li>• Non-stick soleplate</li> <li>• Water level indicator</li> </ul>

Tick (✓) **one** of the boxes below to indicate your choice.

Iron A       Iron B       Iron C

1 DC

Give **three** reasons for your choice.

Reason 1 \_\_\_\_\_

\_\_\_\_\_

1 DC

Reason 2 \_\_\_\_\_

\_\_\_\_\_

1 DC

Reason 3 \_\_\_\_\_

\_\_\_\_\_

1 DC

Marks

5. (continued)

(e) Explain the meaning of **one** of the following labels which could be found on the iron.

Tick (✓) **one** of the boxes to indicate your choice.



Explanation \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

1 KU

[END OF QUESTION PAPER]

