

FOR OFFICIAL USE

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Total Marks

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X116/201

NATIONAL
QUALIFICATIONS
2011

MONDAY, 16 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

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Town

--

Forename(s)

--

Surname

--

Date of birth

Day Month Year

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Scottish candidate number

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Number of seat

--

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) Name **two** animal fibres and **two** plant fibres.

Animal fibre 1 _____ **1 KU**

Animal fibre 2 _____ **1 KU**

Plant fibre 1 _____ **1 KU**

Plant fibre 2 _____ **1 KU**

- (b) Name **two** methods of fabric construction.

Method 1 _____ **1 KU**

Method 2 _____ **1 KU**

- (c) Explain **each** of the following terms.

Staple fibre

Explanation _____

1 KU

Performance fabrics

Explanation _____

1 KU

*Marks***1. (continued)**

(d) A manufacturer is making school trousers.

Evaluate the suitability of **four** of the properties of the fabric shown below for school trousers.

Fabric for school trousers

Elasticity	**
Absorbency	**
Crease resistance	*
Durability	****
Ease of care	***
Stain resistance	***

Key:

* —————> ****

Poor —————> Excellent

Evaluation

Property 1 _____

1 EV

Property 2 _____

1 EV

Property 3 _____

1 EV

Property 4 _____

1 EV

Marks

2. (a) A Home Economics Department wishes to buy new sewing machines to use with S1 and S2 classes. The machines must be lightweight and easy for the pupils to use in the classroom.

Study the information about sewing machines below and choose the **most suitable** sewing machine for the department to buy.

Information about Sewing Machines			
	Machine A	Machine B	Machine C
<i>Stitches</i>	• 15 pre-set utility stitches • 32 embroidery stitches	• 10 utility stitches • 35 embroidery stitches	• 8 utility stitches • 20 embroidery stitches
<i>Features</i>	• threading guide on machine • integral needle threader • adjustable speed control • supplied with lightweight carry case	• threading guide on DVD • removable needle threader • 2-speed control • optional table available to purchase	• threading guide in booklet • integral needle threader • single speed control • supplied with a plastic cover
<i>Weight</i>	4.9 kg	8.5 kg	5.9 kg
<i>Price</i>	£275	£350	£300

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

Machine A ☐ Machine B ☐ Machine C ☐ **1 DC**

Give **three** reasons for your choice.

Reason 1 _____

_____ **1 DC**

Reason 2 _____

_____ **1 DC**

Reason 3 _____

_____ **1 DC**

*Marks***2. (continued)**

- (b) Explain the function of **one** of the following sewing machine needles.

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

Ball point needle ☐

Twin needle ☐

Explanation _____

_____ **1 KU**

- (c) Explain **three** safety factors which should be considered when using a sewing machine.

Safety factor 1 _____

_____ **1 KU**

Safety factor 2 _____

_____ **1 KU**

Safety factor 3 _____

_____ **1 KU**

- (d) Identify **one** label that could be found on a sewing machine.

Label _____

_____ **1 KU**

Explain **one** point of information this label gives to the consumer.

Explanation _____

_____ **1 KU**

[Turn over

Marks

2. (continued)

- (e) Name **one** Act that would protect the consumer when buying a new sewing machine.

Act _____

1 KU

Explain **one** point of the Act.

Explanation _____

1 KU

Marks

3. (a) The parents of a three year old boy wish to buy him a winter jacket. He walks to nursery each day.

Choose **four** of the design features shown below and evaluate their suitability for the winter jacket.

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



Evaluation

Design feature 1 _____

1 EV

Design feature 2 _____

1 EV

[Turn over

Marks

3. (a) (continued)

Design feature 3 _____

1 EV

Design feature 4 _____

1 EV

(b) A manufacturer is choosing a fabric to make winter jackets for toddlers.

Study the information about fabrics below and choose the **most suitable** fabric for the manufacturer to use.

Information about fabrics for a winter jacket			
	Fabric A	Fabric B	Fabric C
<i>Care instructions</i>	Machine wash at 40° C May be tumble dried	Hand wash at 40° C Do not tumble dry	Machine wash at 40° C May be tumble dried
<i>Strength</i>	***	**	***
<i>Waterproof</i>	***	*	**
<i>Insulation</i>	*****	***	**
<i>Ease of stitching</i>	***	**	**
<i>Range of colours</i>	*****	**	***
<i>Cost</i>	££	£££	££

Key:

* —————> *****

Poor —————> Excellent

£ —————> ££££

Inexpensive —————> Expensive

Tick (✓) **one** of the boxes below to indicate your choice.Fabric A ☐Fabric B ☐Fabric C ☐

1 DC

Marks

3. (b) (continued)

Give **three** reasons for your choice.

Reason 1 _____

1 DC

Reason 2 _____

1 DC

Reason 3 _____

1 DC

- (c) Give **two** reasons why a manufacturer would use **one** of the following during the production of the jacket.

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

Computer Aided Design (CAD)

☐

OR

Computer Aided Manufacture (CAM)

☐

Reason 1 _____

1 KU

Reason 2 _____

1 KU

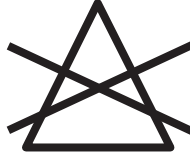
[Turn over

Marks

3. (continued)

(d) Explain the meaning of **two** of the following symbols.

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


☐

☐

☐

Explanation 1 _____

1 KU

Explanation 2 _____

1 KU

[Turn over for Question 4 on *Page twelve*

Marks

4. (a) **Apart from cost**, identify **two** factors that influence a consumer's choice of clothing. Explain the importance of **each** factor.

Factor 1 _____ **1 KU**

Explanation _____

_____ **1 KU**

Factor 2 _____ **1 KU**

Explanation _____

_____ **1 KU**

- (b) A fashion conscious student wishes to buy blue denim jeans.

Study the information about fashion stores below and choose the **most suitable** store for the student.

Information about fashion stores			
	Store A	Store B	Store C
<i>Styles available</i>	• 6 leg styles • low and high rise	• 4 leg styles • on-the-waist fit	• 8 leg styles • low, medium and high rise
<i>Sizes available</i>	Waist: 8 sizes Length: 2 leg lengths	Waist: small, medium, large, extra large Length: 2 leg lengths	Waist: 8 sizes Length: 3 leg lengths
<i>Colour of denim/finishes</i>	• blue – 3 shades • black • white • stonewash	• blue – 2 shades • black • white • grey	• blue – 4 shades • black • stonewash • rinsewash
<i>Price range</i>	£29.99 – £69.99	£29.99 – £59.99	£19.99 – £69.99
<i>Customer services</i>	• student discount • ordering service	• loyalty scheme • mail order available	• student discount • stock updated daily

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

Store A

☐

Store B

☐

Store C

☐

1 DC

*Marks***4. (b) (continued)**

Give **three** reasons for your choice.

Reason 1 _____

_____ **1 DC**

Reason 2 _____

_____ **1 DC**

Reason 3 _____

_____ **1 DC**

(c) Explain **two of the following fashion terms.**

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

Prêt-a-porter ☐

Haute couture ☐

Street fashion ☐

Fashion term 1 _____

_____ **1 KU**

Fashion term 2 _____

_____ **1 KU**

[Turn over

Marks

4. (continued)

- (d) Give **one** reason why a textile manufacturer would carry out **two** of the following stages of product development.

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

Concept screening

☐

Disassembly

☐

Product testing

☐

Stage 1 _____

1 KU

Stage 2 _____

1 KU

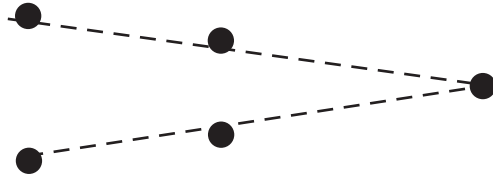
[Turn over for Question 5 on *Page sixteen*

Marks

5. (a) Explain the meaning of **three** of the following pattern markings.
Place the numbers **1**, **2** and **3** in the boxes below to indicate your choice.


☐

☐

☐

☐

Explanation 1 _____

1 KU

Explanation 2 _____

1 KU

Explanation 3 _____

1 KU

Marks

5. (continued)

- (b) Explain **one** benefit of using a multi-size paper pattern.

1 KU

- (c) Explain how **each** of the following could be used by the manager of a sports store to increase sales.

Personnel

Explanation _____

1 KU

Customer services

Explanation _____

1 KU

Décor

Explanation _____

1 KU

[Turn over

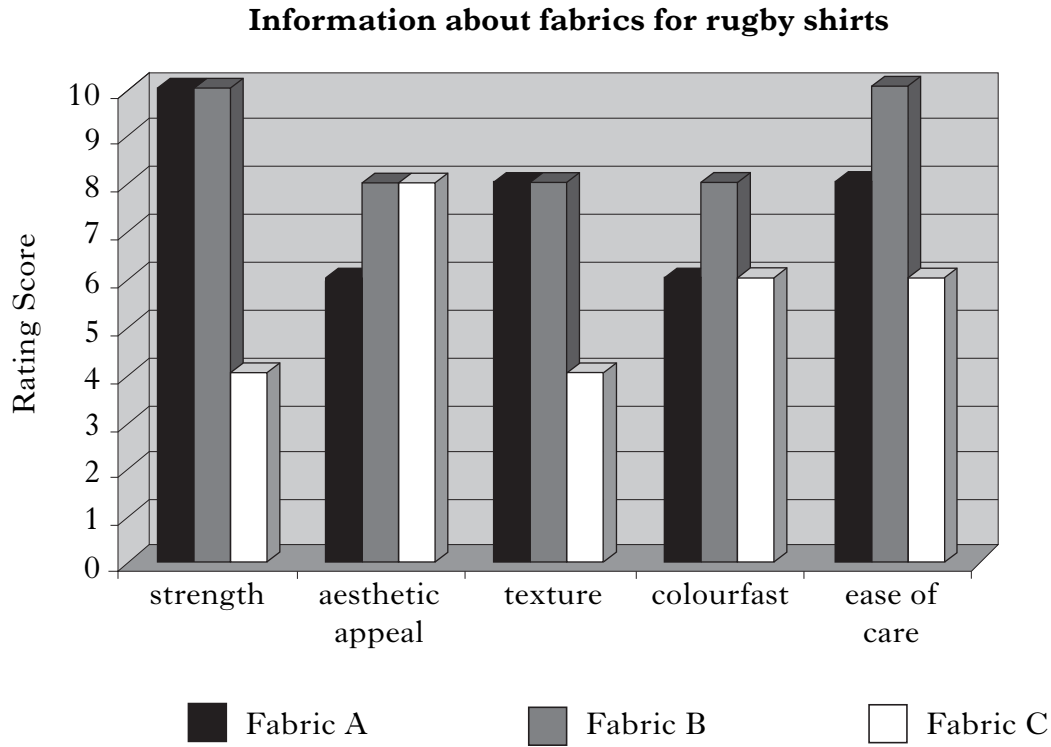
Marks

5. (continued)

(d) A manufacturer is choosing a fabric for making rugby shirts.

Testing sessions have produced the results shown below.

Study the information below and choose the **most suitable** fabric for the manufacturer to use.



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

Fabric A ☐ Fabric B ☐ Fabric C ☐

1 DC

Marks

5. (d) (continued)

Give **three** reasons for your choice.

Reason 1 _____

1 DC

Reason 2 _____

1 DC

Reason 3 _____

1 DC

(e) State **one** way the Trading Standards Department could help the consumer.

1 KU

[END OF QUESTION PAPER]

[illegible]