

FOR OFFICIAL USE

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

C

KU HI

Total Marks

--	--

**1660/403**

NATIONAL  
QUALIFICATIONS  
2008

MONDAY, 19 MAY  
1.00 PM – 2.15 PM

HOME ECONOMICS  
STANDARD GRADE  
Credit Level

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

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

Number of seat

- 1 Try to answer every question in this paper.
- 2 Read the questions carefully before you answer them.
- 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.







**1. (continued)**

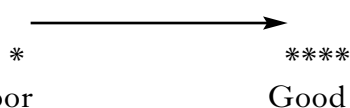
(c) Roy and his wife need to buy a washing machine. She works night shift on a part time basis and he works full time. Their son regularly takes part in judo and rugby training. They also have a fourteen-month-old daughter.

Roy is concerned about their rising fuel bills so they do not have a tumble drier.

Study the information about washing machines below.

<b>Information about washing machines</b>			
	<b>A</b>	<b>B</b>	<b>C</b>
Features	<ul style="list-style-type: none"> <li>• Delicate wash</li> <li>• Delay start option</li> <li>• Self cleaning detergent dispenser</li> <li>• Integrated machine <sup>1</sup></li> <li>• Mini load</li> <li>• Rinse hold</li> </ul>	<ul style="list-style-type: none"> <li>• Super silent wash</li> <li>• Stain removal system</li> <li>• Anti bacterial baby/toddler wash</li> <li>• Automatic load adjustment <sup>2</sup></li> <li>• Bed and bath <sup>3</sup></li> <li>• Reduced ironing programme</li> </ul>	<ul style="list-style-type: none"> <li>• Mixed/daily wash</li> <li>• Energetic wash</li> <li>• Extra rinse</li> <li>• 180° opening porthole</li> <li>• Anti crease cycle</li> <li>• Wool mark platinum care <sup>4</sup></li> </ul>
Wash load	6kg	7kg	5kg
Energy consumption	1.03 kWh per cycle	0.95 kWh per cycle	0.95 kWh per cycle
Spin speed	1000 rpm <sup>5</sup>	1200/1600 rpm <sup>5</sup>	1200 rpm <sup>5</sup>
Wash performance	***	****	****

**Key:**



- 1 Door is covered by a panel which matches the kitchen units.
- 2 Machine measures weight of clothes and adjusts level of water and timing accordingly.
- 3 Washes a double bed set, 2 single bed sets and 4 towels in under 90 minutes.
- 4 Designed to care for wool/silk/hand wash items.
- 5 rpm = revolutions per minute.

1. (c) (continued)

Marks

KU	HI

- (i) Choose the **most suitable** washing machine for Roy and his family.

Washing machine \_\_\_\_\_

1

- (ii) Give **four different** reasons for your choice and explain why **each** reason is important for them.

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2

Reason 4 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2

[Turn over



**[Turn over for Question 2 on *Page eight***





2. (a) (continued)

Marks

KU	HI

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3

3

3

[Turn over

2. (continued)

Marks

KU	HI
----	----

(b) **Two** factors which affect a teenager’s dietary requirements are identified below.

Explain **in detail** how **each** factor affects their dietary requirements.

(i) Gender

Explanation \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2

(ii) Lifestyle

Explanation \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2

(c) Some pieces of information must appear on a food label by law.

Identify **four** of these pieces of information and explain their importance to the consumer.

Information 1 \_\_\_\_\_

1

Importance \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1

**2. (c) (continued)**

Information 2 \_\_\_\_\_  
Importance \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Marks

1

1

Information 3 \_\_\_\_\_  
Importance \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1

Information 4 \_\_\_\_\_  
Importance \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1

1

\_\_\_\_\_

1

	KU	HI

**[Turn over**

Marks

3. (a) Give **two** explanations how **each** of the following methods of preservation prevent food spoilage.

(i) Freezing

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(ii) Pickling

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

	KU	HI
<b>1</b>		
<b>1</b>		
<b>1</b>		
<b>1</b>		
<b>1</b>		

**3. (continued)**

Marks

	KU	HI
1		
1		
1		
2		

(b) Identify **one** method of cooking which helps to meet a Scottish dietary target.

Explain how it helps to meet the target.

Explain how this benefits health.

Method of cooking \_\_\_\_\_

Explanation \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Benefit to health \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(c) (i) Which Scottish dietary target helps to prevent tooth decay in children?

\_\_\_\_\_

\_\_\_\_\_

(ii) Explain **in detail** why this target helps to prevent tooth decay.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**[Turn over**

3. (continued)

Marks

KU	HI
2	

(d) A Home Economics Department is looking for a service provider to supply and maintain their food preparation equipment. They run many practical classes. There are also evening cookery classes running in the department. The department must observe health and safety rules.

Study the information about the service provider below.

Information about service provider
<ul style="list-style-type: none"> <li>• Same day callout service</li> <li>• Corgi<sup>1</sup> registered</li> <li>• Wide range of spare parts available from stock</li> <li>• Used equipment disposed of in an environmentally friendly manner</li> <li>• Electrical and gas inspection and testing undertaken annually</li> <li>• Discount offered on bulk orders of portable equipment</li> <li>• Repairs guaranteed for 12 months</li> <li>• Established over 20 years</li> </ul>
<p><b>Key:</b></p> <p>1 Confederation of registered gas installers</p>

**Evaluate** the suitability of this service provider for the Home Economics Department by:

- explaining why it is suitable for the department
- indicating how it could affect the department.

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2

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

Marks

KU	HI

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

---



---



---



---

2

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

---



---



---



---

2

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

---



---



---



---

2

[Turn over

Marks

**4. (a)** The Campbell family have just bought a new house and are having difficulty balancing their budget. Mr and Mrs Campbell both work. They have already sold unwanted clothes at a part exchange store.

Give **four** other ways they could increase their current income.

1 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1

1

1

1

KU	HI



4. (continued)

Marks

KU	HI

(b) The Campbells need to make sure their bathroom is safe for an elderly relative who lives with them.

Identify **two** ways they can improve safety in their bathroom.

Give a **different** explanation of how this ensures the elderly person's safety.

Improvement 1 \_\_\_\_\_

\_\_\_\_\_

Explanation \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Improvement 2 \_\_\_\_\_

\_\_\_\_\_

Explanation \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1

1

1



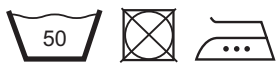
1

[Turn over

**4. (continued)**

(c) Jack Campbell is a waiter in a local hotel. He often works overtime. He needs to buy two shirts for work. The hotel expects staff to wear white shirts and look smart.

Study the information about shirts below.

<b>Information about shirts</b>			
	<b>A</b>	<b>B</b>	<b>C</b>
Style information	<ul style="list-style-type: none"> <li>• Polo shirt</li> <li>• Short sleeves</li> <li>• 3 button front placket</li> <li>• Ribbed collar and cuff</li> <li>• Logo application free</li> </ul>	<ul style="list-style-type: none"> <li>• Button down collar</li> <li>• Inset back pleat</li> <li>• Single pocket with pen division</li> <li>• Long or short sleeves</li> <li>• Relaxed fit<sup>1</sup></li> </ul>	<ul style="list-style-type: none"> <li>• Mandarin collar</li> <li>• Concealed front fastening</li> <li>• Adjustable stud cuff</li> <li>• Long sleeves</li> <li>• Cost reduction for multiple logo application</li> </ul>
Fabric information	<ul style="list-style-type: none"> <li>• Flame resistant</li> <li>• Absorbent</li> <li>• Durable</li> <li>• Stretch resistant</li> <li>• Resistant to fading</li> </ul>	<ul style="list-style-type: none"> <li>• Crease resistant</li> <li>• Absorbent</li> <li>• Durable</li> <li>• Stain resistant</li> <li>• Quick drying</li> </ul>	<ul style="list-style-type: none"> <li>• Shrink resistant</li> <li>• Strong</li> <li>• Good insulating properties</li> <li>• Good colour retention</li> <li>• Quick drying</li> </ul>
Colours available	<ul style="list-style-type: none"> <li>• Black</li> <li>• Bottle green</li> <li>• Lilac</li> <li>• Red with grey rib</li> <li>• White with navy rib</li> </ul>	<ul style="list-style-type: none"> <li>• Black</li> <li>• Grey</li> <li>• White</li> <li>• Lilac stripe</li> <li>• Mid blue stripe</li> </ul>	<ul style="list-style-type: none"> <li>• Red</li> <li>• Lime green</li> <li>• Terracotta</li> <li>• White with lemon stripe</li> <li>• White with navy stripe</li> </ul>
Care instructions			

**Key:**  
1 Slightly larger than the standard fit

4. (c) (continued)

Marks

KU	HI

- (i) Choose the **most suitable** shirt for Jack.

Shirt \_\_\_\_\_

1

- (ii) Give **four** reasons for your choice and explain why **each** reason is important for Jack.

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2

Reason 4 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2

[Turn over

4. (c) (continued)

Marks

KU	HI

(iii) The local garden centre wants all 10 of their staff to wear identical shirts. They intend supplying dark green shirts with a sunflower logo on them.

Which shirt would be **most suitable** for the garden centre?

Shirt \_\_\_\_\_

1

[END OF QUESTION PAPER]





<i>Marks</i>	KU	HI

**ADDITIONAL SPACE FOR ANSWERS**

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

**FOR OFFICIAL USE ONLY**

	KU		HI	
1		10		10
2		12		12
3		10		8
4		8		10
Total Marks		40		40