

FOR OFFICIAL USE

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C

KU HI

Total Marks

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1660/403

NATIONAL
QUALIFICATIONS
2010

THURSDAY, 20 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

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Scottish candidate number

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Number of seat

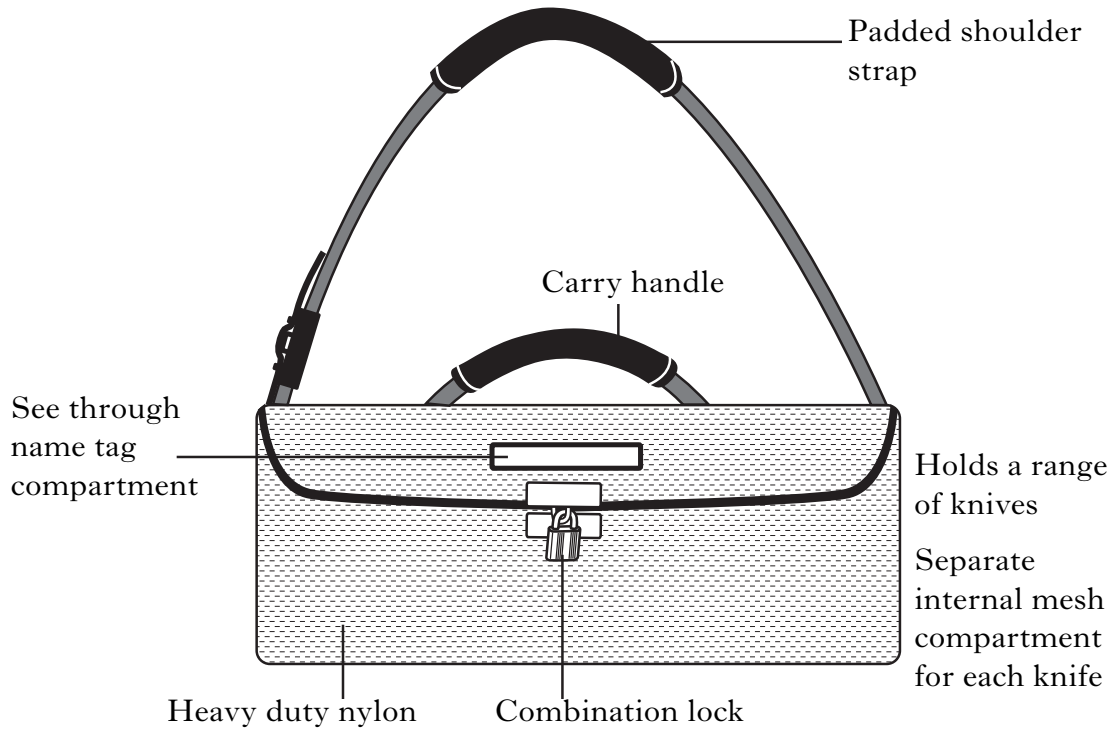
- 1 Try to answer every question in this paper.
- 2 Read the questions carefully before you answer them.
- 3 Write your answers in the spaces provided.
- 4 Additional lines at the end of the booklet can be used if more space is required for answers or if you need to do any rough work.
- 5 Before leaving the examination room you must give this book to the Invigilator. If you do not, you may lose all the marks for this paper.



Marks

KU	HI

1. (a) Karina is a catering student.
She needs to buy a knife wrap to carry her chef's knives.
Karina walks to college.
Study the design features of the knife wrap shown below.



Choose **three** design features. Explain **how each** feature is useful to Karina and **why** it is important to her.

Design feature 1 _____

Explanation _____

2

Marks

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1. (a) (continued)

Design feature 2 _____

Explanation _____

2

Design feature 3 _____

Explanation _____

2

- (b) (i) Karina orders the knife wrap online. The trader advertises “free delivery”. When the knife wrap arrives, the enclosed delivery note shows that she has been charged for delivery.

Name the Act which has been broken.

Act _____

1

- (ii) Karina wishes to complain about this charge.

State the name of the organisation she should complain to.

Organisation _____


1

[Turn over

Marks

1. (continued)

- (c) Karina has a weekend job as a trainee chef in a busy restaurant.
 She prepares a wide range of foods.
 Karina is visible to customers while she is working.
 The restaurant have supplied her with a chef's jacket.
 Study the information about the chef's jacket below.

Information about chef's jacket	
<ul style="list-style-type: none"> loose fitting breast pocket short sleeves 'cool flo'¹ flame resistant stain resistant pre-shrunk popper fastening 	

Key: ¹ Under arm vents allow air to circulate

Evaluate the suitability of the chef's jacket for Karina by:

- explaining **why** it is suitable for Karina
- indicating **how** useful it is to Karina.

Evaluation 1 _____

2

Evaluation 2 _____

2

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2				
2				

1. (c) (continued)

Evaluation 3 _____

Evaluation 4 _____

Marks

KU	HI

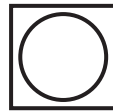
2

2

(d) The following symbols appear on the chef's jacket.



Symbol 1



Symbol 2

Choose **one** of the symbols then answer the questions below.

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

(i) What does the symbol mean?

1

(ii) Explain its importance to Karina.

1

[Turn over

2. (a) Teri runs a small hotel and has responsibility for the care and daily laundering of sheets and towels.

The towels are white with an embroidered black logo.

Teri likes to be environmentally friendly.

Study the information about laundry products below.

Information about laundry products			
	A	B	C
	3 in one biological powder	Natural laundry globes	Non-biological liquid
Number of washes	100	150	75
Cost per wash	12 p	6 p	8 p
Colour protection	*	***	**
Chemical free	no	yes	yes
Wash temperature	50 °C	30 °C	40 °C
Special features	<ul style="list-style-type: none"> • biological action to remove stains • lavender fragrance • conditioner included • not suitable for sensitive skin 	<ul style="list-style-type: none"> • free natural stain remover gel provided • store in machine when not in use • leaves no marks on fabrics • anti-bacterial, destroys e-coli and staphylococcus aureus 	<ul style="list-style-type: none"> • suitable for prewash soaking • best results with natural fibres • suitable for sensitive skin • rinses out thoroughly

Key:	* —————> ***
	Poor Good

2. (a) (continued)

Marks	KU	HI
1		
2		
2		
2		
2		

(i) Choose the **most suitable** laundry product for Teri.

Laundry product _____

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

Reason 1 _____

Reason 2 _____

Reason 3 _____

Reason 4 _____

[Turn over

2. (a) (continued)

Marks

KU	HI

(iii) Pavel and his wife have six month old twins.

The twins have sensitive skin so mainly wear cotton clothing.

Which laundry product would be **most suitable** for Pavel’s family?

Laundry product _____

1

(b) Identify and explain **two** benefits to health of eating more breakfast cereals.

Health benefit 1 _____

1

Explanation _____

1

Health benefit 2 _____

1

Explanation _____

1

2. (continued)

(c) Fill in the information about fats in the chart below.

Type of fat	Food Sources
Saturated fat	1 _____
	2 _____
Unsaturated fat	1 _____
	2 _____

(d) Give **one** function of **each** of the following nutrients.

Phosphorus _____

Vitamin K _____

Marks	KU	HI
2		
2		
1		
1		

[Turn over

Marks

3. (a) Angus is an active 82 year old. He cycles to collect his daily paper and walks to the social club twice a week.

Taking account of the Dietary Reference Values (DRVs) for this age group, **evaluate** the suitability of this day's nutritional intake.

KU	HI
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Dietary Reference Values for males aged 75 and over					
Estimated average requirement		Reference Nutrient Intakes			
<i>Energy</i>	<i>NSP</i>	<i>Protein</i>	<i>Vitamin D</i>	<i>Vitamin B1</i>	<i>Iron</i>
8.77 MJ	18 g	53.3 g	10 µg	0.9 mg	8.7 mg

Dietary analysis of day's intake					
<i>Energy</i>	<i>NSP</i>	<i>Protein</i>	<i>Vitamin D</i>	<i>Vitamin B1</i>	<i>Iron</i>
9.06 MJ	7.8 g	40.2 g	3.6 µg	2.1 mg	8.7 mg

Evaluation 1 _____

3

Evaluation 2 _____

3

3. (a) (continued)

Marks

Evaluation 3 _____

Evaluation 4 _____

3

3

KU	HI

[Turn over

3. (continued)

(b) The social club are holding an annual barbecue.

Identify and explain **three** points of advice they should follow to reduce the risk of food poisoning.

Point of advice 1 _____

Explanation _____

Point of advice 2 _____

Explanation _____

Point of advice 3 _____

Explanation _____

Marks

KU	HI
1	
1	
1	
1	
1	
1	

Marks

KU	HI
1	
1	
1	
1	

3. (continued)

(c) Angus is concerned about home safety.

He has invited a fire safety officer to his home to advise him on fire prevention.

Identify **two different** pieces of advice that Angus could be given about fire prevention under **each** of the headings below.

(i) **Kitchen Safety**

Advice 1 _____

Advice 2 _____

(ii) **Home Heating**

Advice 1 _____

Advice 2 _____

[Turn over

4. (a) Calum is a secondary school pupil who is leaving early in the morning for a four hour bus journey to spend the day at a theme park.

He is going to buy a meal deal which he will eat on the bus.

Calum likes to make healthy food choices.

Study the information about meal deals below.

Information about meal deals			
	A	B	C
Cost of meal deal	£3.79	£3.19	£2.99
Drink	<ul style="list-style-type: none"> 1 litre water pop up top 	<ul style="list-style-type: none"> 330 ml carton chocolate milkshake straw included 	<ul style="list-style-type: none"> 500 ml fruit smoothie screw top lid
Main dish	<ul style="list-style-type: none"> white baguette filled with sausage and egg 	<ul style="list-style-type: none"> tuna and mozzarella salad 	<ul style="list-style-type: none"> Edam cheese salad on wholemeal bread
Dessert	<ul style="list-style-type: none"> lemon cheesecake 	<ul style="list-style-type: none"> orange 	<ul style="list-style-type: none"> tub of grapes
Other items included	<ul style="list-style-type: none"> plastic spoon scented napkin 	<ul style="list-style-type: none"> sachet of salad dressing paper napkin 	<ul style="list-style-type: none"> 50 p off voucher¹ anti-bacterial wipe
Nutritional information			
Energy KJ	3173.5 KJ	3024.4 KJ	2719.1 KJ
Protein	37.1 g	26.2 g	31.2 g
Fat	50.2 g	29.1 g	18.1 g
Sodium	1.6 g	0.8 g	0.6 g

Key: ¹ 50 pence off next meal deal purchase

4. (a) (continued)

- (i) Choose the **most suitable** meal deal for Calum.

Meal deal _____

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

Reason 1 _____

Reason 2 _____

Reason 3 _____

Reason 4 _____

Marks

	KU	HI
1		
2		
2		
2		
2		

[Turn over

4. (a) (continued)

Marks	KU	HI
1		
1		
1		
1		
1		
1		

(iii) Sven works in a call centre.

He has a gluten allergy.

Which meal deal would be **most suitable** for Sven?

Meal deal _____

(b) Teenagers need to be aware of budgeting.

(i) What is budgeting?

(ii) Why is it important?

(c) Electronic Funds Transfer at Point of Sale (debit card) is a method of paying for shopping.

Give **one** advantage and **one** disadvantage of using this method of payment.

Advantage _____

Disadvantage _____

4. (continued)

(d) Identify **one** food which should be avoided during pregnancy.

Food _____

Give a reason for avoiding this food.

Reason _____

(e) **Other than nutrition**, give **four** points to consider when feeding young children at mealtimes.

Point 1 _____

Point 2 _____

Point 3 _____

Point 4 _____

Marks

KU	HI
1	
1	
1	
1	
1	
1	

[END OF QUESTION PAPER]

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