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G

	KU	HI
Total Marks		

1660/402

NATIONAL QUALIFICATIONS 2010

THURSDAY, 20 MAY
10.20 AM – 11.20 AM

HOME ECONOMICS
STANDARD GRADE
General 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 If you need to do any rough work, use the spaces provided.

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.

SQA ©

1. (*a*) Mairi is eleven years old. She enjoys cooking. She likes making biscuits and cakes. She has a £15 gift voucher to spend and wants to buy scales. Mairi does not have a mixing bowl at home.

The scales must be:

- hygienic
- easy to use.

Study the information about scales below.

Information about scales			
	A	**B**	**C**
Cost	£49·99	£14·99	£24·99
Units of weight	0·01 g	1 g	5 g
Ease of cleaning	*	***	**
Special features	• Built in dietary computer • Timer • Can plug into mains or use batteries	• Bowl included • Bowl stores upside down on base • Add and weigh function[1]	• No bowl included • Slim line design • Extra large digital display

Key: * ⟶ ***
Poor Good
[1]Add and weigh function – allows several ingredients to be measured one at a time into the same bowl

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1. (*a*) (continued)

(i) Choose the **most suitable** scales for Mairi.

Scales _____ **1**

(ii) Give **two** reasons for your choice and explain why **each** reason is important for Mairi.

Reason 1 _____

2

Reason 2 _____

2

(iii) Which scales would be **most suitable** for Mr Kapoor who does not have a lot of space and has poor eyesight?

Scales _____ **1**

[Turn over

DO NOT WRITE IN THIS MARGIN

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1. (continued)

(*b*) Suggest **one** way of changing your diet to help meet **each** of the Scottish dietary targets shown below.

Identify a **different** dietary disease **each** target helps to prevent.

Target 1: **Intake of fat to be reduced**

I could eat less fat by _____

1

Dietary disease prevented _____ 1

Target 2: **Intake of salt to be reduced**

I could eat less salt by _____

1

Dietary disease prevented _____ 1

Target 3: **Intake of Total Complex Carbohydrates to increase**

I could eat more total complex carbohydrates by _____

1

Dietary disease prevented _____ 1

[Turn over for Question 2 on *Page six*

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2. (*a*) Gregor is a member of an under 16's football team.

He needs a sports bag to carry his water bottle, training and shower kit.

Gregor needs the bag to be easy to carry.

He uses public transport for travelling to training and needs to show his travel pass at the turnstile.

Study the information about sports bags below.

Information about sports bags			
	A	**B**	**C**
Weight	Light	Heavy	Medium
Waterproof	Yes	No	Yes
Padded shoulder strap	Yes	No	No
Special features	• Internal wet pocket • Separate boot bag • Exterior zipped pockets on each end	• Free CD case • One main compartment • Internal mesh pocket	• Free pencil case • One main compartment • Key ring holder

(i) Choose the **most suitable** sports bag for Gregor.

Sports bag _____ **1**

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2. (*a*) (continued)

(ii) Give **three** reasons for your choice and explain why **each** reason is important for Gregor.

Reason 1 _____

2

Reason 2 _____

2

Reason 3 _____

2

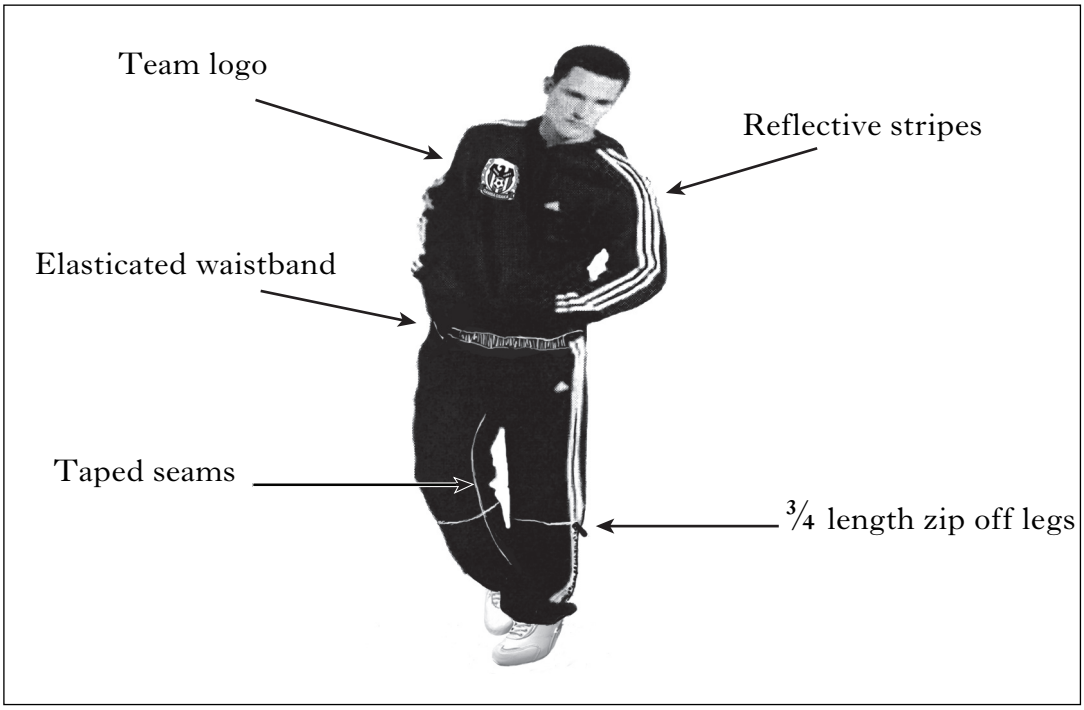
[Turn over

2. (continued)

(*b*) The football team have new tracksuits for training and travelling to games.

The tracksuit will be worn both indoors and outdoors.

Study the design features of the tracksuit below.



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2. (*b*) (continued)

Choose **three** design features and explain **how each** feature is useful to the football team and **why** it is important to them.

Feature	**HOW** this is useful to the football team.	**WHY** it is important to them.	
1			2
2			2
3			2

[Turn over

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Marks	KU	HI

2. (continued)

(*c*) The following properties are important when choosing football boots.

Give a **different** reason why **each** of the properties below is important.

Property 1 – **Waterproof**

Reason _____

1

Property 2 – **Grip**

Reason _____

1

[Turn over for Question three on *Page twelve*

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3. (*a*) Ronnie is a single parent with three primary school children.

He works as a classroom assistant at their school.

He has chosen a slow cooker to cook a variety of evening meals for the family.

Read the information about the slow cooker below.

Information about slow cooker	
	• Non-stick finish • Recipe book for soups, stews and puddings • Non-slip feet • Dishwasher safe bowl • 3 heat settings • 6·5 litre capacity bowl (serves up to 6 people)

Give **three** reasons why this cooker is a good choice for Ronnie and explain why **each** reason is important for him.

Reason 1 _____

2

Reason 2 _____

2

Reason 3 _____

2

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3. (continued)

(*b*) Thinking about **nutrition**, complete the table below.

Food	Main Nutrient	Function of nutrient in the body
Olive Oil		Function 1 _____ Function 2 _____
Salt		Function 1 _____

3

2

(*c*) Look at the list of foods below.

Tick (✓) **two** which are good sources of iron.

Spinach	
Rice	
Carrots	
Liver	
Tomatoes	

2

(*d*) Which nutrient is required to help prevent rickets?

Nutrient _____

1

[Turn over

4. (*a*) Emma wants to buy a pushchair for her 8 month old baby.

She takes the baby with her in the car when she goes shopping.

Her husband takes the baby out in the pushchair at weekends.

Information about pushchairs					
	Ease of folding	Adjustable handle height	Cleaning	Age	Special features
A	**	No	Wipe clean cover	1–2 years	• Drink holder • Matching changing bag
B	***	Yes	Machine washable cover	From 6 months up to 2 years	• Spare cover included • Under seat tray
C	*	Yes	Cover to be hand washed only	From birth up to 9 months	• Sun parasol • Available in six colours

Key: * ⟶ ***
Poor Good

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4. (*a*) (continued)

(i) Choose the **most suitable** pushchair for the family.

Pushchair _____ **1**

(ii) Give **three** reasons for your choice and explain why **each** reason is important for the family.

Reason 1 _____ **2**

Reason 2 _____ **2**

Reason 3 _____ **2**

(iii) A new mum wants to take her baby on holiday in July.

Which pushchair would be **most suitable** for the new mum?

Pushchair _____ **1**

[Turn over

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4. (continued)

(*b*) Identify **two** different types of accident that could happen when cleaning an electric hand blender and explain how **each** accident could be prevented.

Type of accident	How to prevent
1	
2	

2

2

(*c*) Give **one** advantage and **one** disadvantage of using cash to pay for goods.

Advantage_____

1

Disadvantage _____

1

[Turn over for Question 5 on *Page eighteen*

5. (*a*) Jenny needs to arrange childcare for her two children aged one and three.

She is on a limited budget.

She works between 9.00 am and 5.00 pm, Monday to Friday and uses the bus to get to work.

Jenny wants her children to be in a safe learning environment with other children.

Study the information about childcare below.

Information about childcare		
Childminder	**Playgroup**	**Council Nursery**
• Flexible hours and weekends • Parents must supply all food • 1 playroom • Vacancy for one child • Quiet area for sleeping • Variety of toys available	• Open 1.00 pm–3.00 pm weekdays • Small snack provided • 1 playroom • Maximum of 20 children per session • Free session for three year olds • 3 month waiting list for places	• Open 7.00 am–6.00 pm weekdays • Breakfast, lunch and snacks provided • Variety of areas for up to 25 children • Discount available for more than one child • Security entrance to premises • Pick-up and drop-off service

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Marks	KU	HI

5. (*a*) (continued)

(i) Choose the **most suitable** childcare for Jenny.

Childcare _____ **1**

(ii) Give **three** reasons for your choice and explain why **each** reason is important for Jenny.

Reason 1 _____

2

Reason 2 _____

2

Reason 3 _____

2

(iii) Which childcare would be **most suitable** for Eryk's son as he works at the weekend?

Childcare _____ **1**

[Turn over for Questions 5 (*b*) and (*c*) on *Page twenty*

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5. (continued)

(*b*) Identify and explain **two** personal hygiene rules childcare staff should follow when preparing food for children.

Rule 1 _____

1

Explanation _____

1

Rule 2 _____

1

Explanation _____

1

(*c*) Some children eat a lacto-vegetarian diet.

Identify **three** foods which they must avoid.

Food 1 _____ **1**

Food 2 _____ **1**

Food 3 _____ **1**

[*END OF QUESTION PAPER*]

ACKNOWLEDGMENTS

Question 2(*b*)—Photograph of an Adidas tracksuit. The "3-stripes" logo is a registered trade mark of the adidas Group, used with permission.

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	KU		HI	
1		6		6
2		8		7
3		8		6
4		6		8
5		7		8
Total Marks		35		35