

FOR OFFICIAL USE

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	KU	HI
Total Marks		

1660/29/01

NATIONAL
QUALIFICATIONS
2012

THURSDAY, 3 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

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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 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.



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1. A primary school teacher is going to run an after school cookery club for five pupils.
The club will run for one hour.
They would like to try out new varieties of cupcakes.
Study the design features of the electric cupcake maker below.



(a) Choose **two** design features. Explain **how each** feature is useful to the primary teacher and the pupils and **why** it is important to them.

Design feature 1 _____

Explanation _____

2

Design feature 2 _____

Explanation _____

2

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2	
2	




1. (continued)

(b) The primary school teacher wants the club to decorate a variety of cupcakes for a coffee morning.

They will be using an area where the club will only have access to a small sink.

The club have never decorated cakes before.

Study the information about icing sets below.

Information about icing sets			
	A	B	C
			
Ease of use	**	***	**
Material	Toughened, clear plastic	Strong, flexible plastic	Stainless steel
Variety of nozzles	6	8	8
Ease of cleaning	**	***	*
Additional information	<ul style="list-style-type: none"> • Produces a range of different icing effects • Plunger control 	<ul style="list-style-type: none"> • Concertina design suitable for beginners • Fill with hot water and detergent and shake well to clean 	<ul style="list-style-type: none"> • Can be used to make and decorate different types of cookies • 13 decorating discs included for professional use

Key:	*	***
	Difficult	→ Easy

Marks

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1. (b) (continued)

- (i) Choose the **most suitable** icing set for them to use.

Icing set _____

1

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

Reason 1 _____

2

Reason 2 _____

2

Reason 3 _____

2

- (iii) Angelo is studying baking and confectionery at college. Which icing set would be **most suitable** for Angelo to buy?

Icing set _____

1

[Turn over

Marks

1. (continued)

- (c) (i) Give **one** advantage and **one** disadvantage of using a store charge card account.

Advantage _____

Disadvantage _____

- (ii) Give **one** area of essential household expenditure.

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1		
1		
1		

[Turn over for Question 2 on *Page eight*

Marks

2. (a) A charity shop would like to buy a sewing machine so they can offer an alteration service.

Some of the volunteers have limited sewing skills so they will take the machine home to practise.

Study the information about sewing machines below.

Information about sewing machines			
	A	B	C
Attachments	None	Embroidery foot	Zipper foot
Ease of use	**	*	***
Lightweight	No	No	Yes
Cost	£100.00	£500.00	£90.00
Special features	<ul style="list-style-type: none"> • Battery operated • Battery charger included 	<ul style="list-style-type: none"> • USB cable link • DVD instructions 	<ul style="list-style-type: none"> • Automatic needle threader • Carry handle

Key:	*	***
	Hard	→ Easy

(i) Choose the **most suitable** sewing machine for the charity shop to buy.

Sewing machine _____

1

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2. (a) (continued)

(ii) Give **two** reasons for your choice and explain why **each** reason is important to the charity shop.

Reason 1 _____

Reason 2 _____

2

2

[Turn over

Marks

2. (continued)

(b) Complete the nutrition table below.

Nutrient	One Main Food Source	Function of nutrient in the body
Vitamin B		_____

	Blackcurrants	_____

2

2

(c) (i) One of the Scottish dietary targets is to “eat less fat”. Give **one** method of cooking which could help to meet this target.

Cooking method _____

1

(ii) Explain how this method of cooking helps to meet this target.

Explanation _____

1


(iii) State **one** dietary disease which may be prevented by eating less fat.

Dietary disease _____

1

Marks

3. (a) Paula is a member of a road running club.
She is training to run a marathon. She often trains in the evening.
She needs to drink water whilst she is running.
Study the information about the water bottle she has bought below.

Information about the water bottle	
<ul style="list-style-type: none"> • Spill resistant lid • Reflective taped edges • Lightweight • Made from shatterproof material • Moulded hand grip • Optional shoulder strap 	

Give **three** reasons why this water bottle is suitable for Paula and explain why **each** reason is important to her.

Reason 1 _____

2

Reason 2 _____

2

Reason 3 _____

2

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Marks

3. (continued)

(b) Give **two** reasons why water is important in the diet.

Reason 1 _____

Reason 2 _____

(c) Give **two** benefits of exercise.

Benefit 1 _____

Benefit 2 _____

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1		
1		
1		
1		

Marks

3. (continued)

(d) Identify **two** fabric properties to consider when choosing clothing to wear for running. Explain why **each** property is important.

Fabric property 1 _____

Explanation _____

Fabric property 2 _____

Explanation _____

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1		
1		
1		
1		

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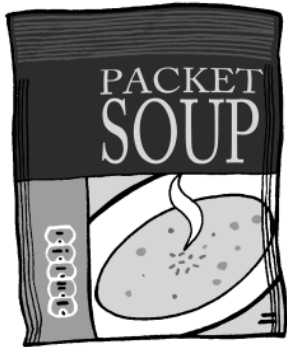
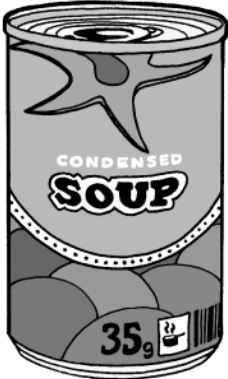

4. (a) Bartek is a shop assistant who works long hours.

He only has a short time to eat his lunch as he likes to go out for a walk during his lunch hour.

He has access to a microwave.

He likes to be environmentally friendly where possible.

Study the information about soup below.

Information about soup			
	A	B	C
			
Recyclable packaging	No	Yes	Yes
Cooking time	10 minutes	5 minutes	3 minutes
Number of servings	Two	Two	One
Instructions for use	<ul style="list-style-type: none"> • Mix contents with water in pan • Heat and stir well 	<ul style="list-style-type: none"> • Empty contents into pan • Heat and stir 	<ul style="list-style-type: none"> • Microwave in original packaging
Additional information	<ul style="list-style-type: none"> • Separate sachet of croutons included • Full range is low in sodium 	<ul style="list-style-type: none"> • Liquid top up required to make into soup • Suitable for use as a pasta sauce 	<ul style="list-style-type: none"> • Contains organically grown vegetables • Suitable to eat directly from container

4. (a) (continued)

- (i) Choose the **most suitable** soup for Bartek.
- Soup _____
- (ii) Give **three** reasons for your choice and explain why **each** reason is important to Bartek.
- Reason 1 _____
- _____
- _____
- _____
- Reason 2 _____
- _____
- _____
- _____
- Reason 3 _____
- _____
- _____
- _____
- (iii) Bartek’s dad suffers from high blood pressure. Which soup would be **most suitable** for his dad?
- Soup _____

<i>Marks</i>	DO NOT WRITE IN THIS MARGIN	
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1		
2		
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2		
1		

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Marks

4. (continued)

(b) Bartek has decided to become a vegetarian.

List and explain **two** reasons why he may have chosen to become a vegetarian.

Reason 1 _____

Explanation _____

Reason 2 _____

Explanation _____

(c) State **one** food safety rule to follow when using **each** of the following.

- Refrigerator
- Freezer

Refrigerator rule _____

Freezer rule _____

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1		

[Turn over for Question 5 on *Page eighteen*


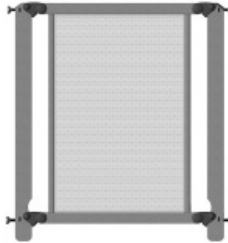
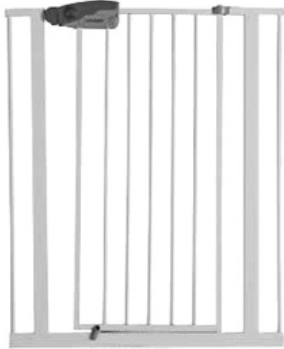
5. (a) The De Silva family need to replace their safety gate.

They have a one year old toddler. They do not like DIY.

They need to be able to move the safety gate around the house.

The grandparents borrow the safety gate to use on their stairs when the toddler stays with them.

Study the information about safety gates below.

Information about safety gates			
	A	B	C
			
Material	Lightweight canvas	Heavy duty mesh	Medium-weight metal
Two-way opening	Yes	No	Yes
Method of installation	Quick release suction fittings	Fixed hinge required	Screw fix installation
Age range	0–30 months	0–24 months	0–26 months
Extra information	<ul style="list-style-type: none"> • anti-bacterial coating • folds into carry bag 	<ul style="list-style-type: none"> • suitable for indoor and outdoor use • extension piece available for extra wide openings 	<ul style="list-style-type: none"> • suitable for top of stairs and doorways • built in alarm

Marks

5. (a) (continued)

- (i) Choose the **most suitable** safety gate for the De Silva family to buy.

Safety gate _____

1

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

Reason 1 _____

Reason 2 _____

Reason 3 _____

- (iii) James has had large patio doors fitted on to his house. He would like a safety gate to fit to the patio doors so his toddler does not get into the garden.

Which safety gate would be **most suitable** for James?

Safety Gate _____

1

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1		
2		
2		
2		
1		

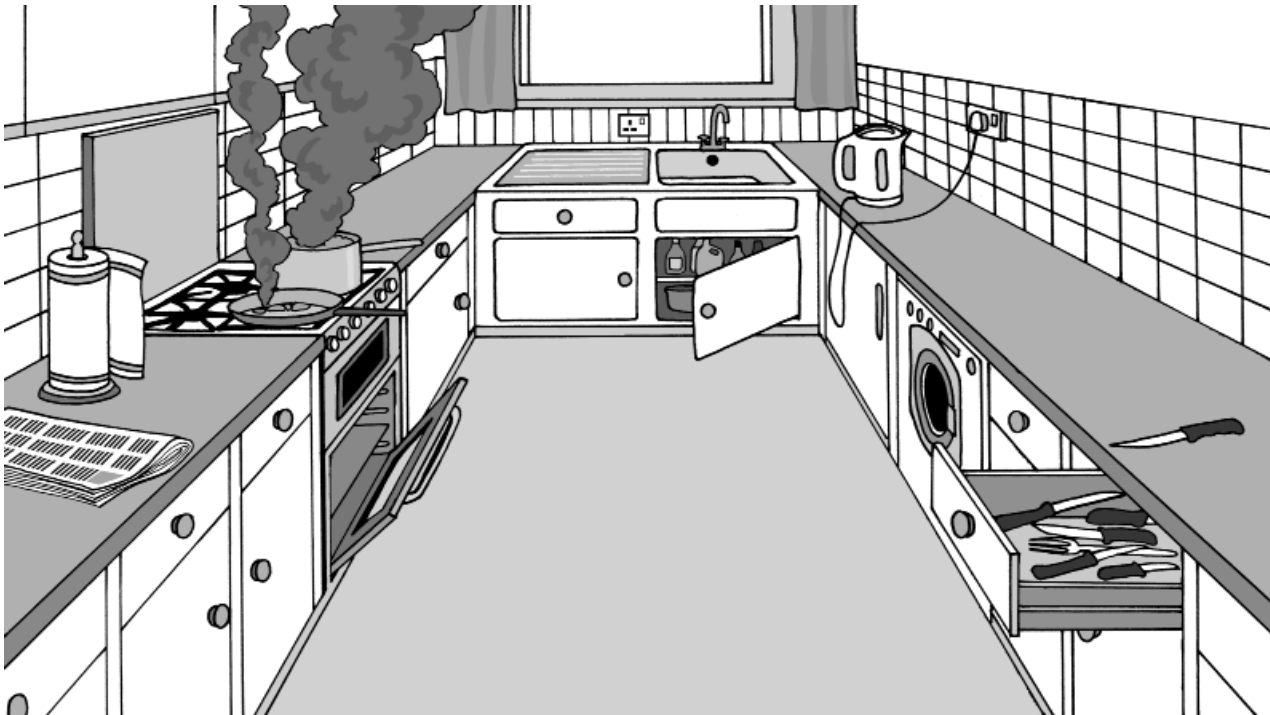
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Marks

5. (continued)

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(b) Study the picture of a kitchen below.



Identify **three** different accidents which could happen. Explain how **each** accident could be prevented.

Type of accident _____ 1

How the accident could be prevented _____

_____ 1

Type of accident _____ 1

How the accident could be prevented _____

_____ 1

Type of accident _____ 1

How the accident could be prevented _____

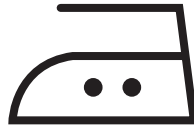
_____ 1

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5. (continued)

(c) This symbol shows that a garment can be ironed.



What do the two dots on the iron symbol indicate?

1

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[END OF QUESTION PAPER]

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