

FOR OFFICIAL USE

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Total Marks

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X117/201

NATIONAL
QUALIFICATIONS
2009

TUESDAY, 9 JUNE
1.00 PM – 2.30 PM

HOME ECONOMICS
LIFESTYLE AND
CONSUMER
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

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- 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) List **two** benefits to health of taking regular exercise.

Benefit 1 _____

1 KU

Benefit 2 _____

1 KU

(b) (i) State **two** functions of calcium in the body.

Function 1 _____

1 KU

Function 2 _____

1 KU

(ii) State **two** functions of iron in the body.

Function 1 _____

1 KU

Function 2 _____

1 KU

Marks

1. (continued)

- (c) A health conscious parent wishes to buy a snack for their toddler.

Study the information about snacks below and choose the **most suitable** snack for the parent to buy.

Information about Snacks					
A		B		C	
Nutritional information		Nutritional information		Nutritional information	
Energy	1175 kJ/ 282 kcals	Energy	716 kJ/ 169 kcals	Energy	820 kJ/ 195 kcals
Protein	1.2 g	Protein	2.9 g	Protein	1.7 g
Total fat	38.0 g	Total fat	1.1 g	Total fat	7.8 g
– saturates	15.0 g	– saturates	0.3 g	– saturates	4.0 g
Sugar	3.58 g	Sugar	1.5 g	Sugar	7.2 g
Salt	0.45 g	Salt	0.17 g	Salt	0.21 g

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

Snack A ☐ Snack B ☐ Snack C ☐

1 DC

Give **three** reasons for your choice.

Reason 1 _____

1 DC

Reason 2 _____

1 DC

Reason 3 _____

1 DC**[Turn over**

Marks

1. (continued)

(d) Explain why **each** of the following is important when planning meals.

Time for food preparation

1 KU

Available budget

1 KU

2. (a) Give **two** benefits of breastfeeding a baby.

Benefit 1

1 KU

Benefit 2

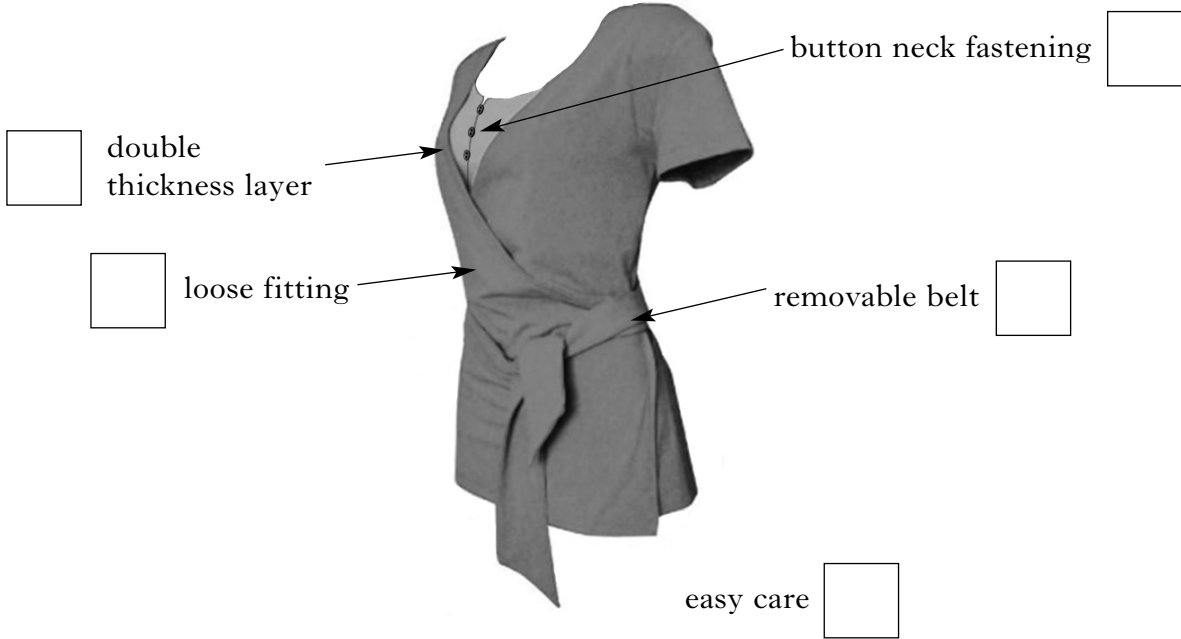
1 KU

Marks

2. (continued)

(b) Study the top below and explain the importance of **three** design features to a new mother who is breastfeeding.

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



Design feature 1 _____

1 KU

Design feature 2 _____

1 KU

Design feature 3 _____

1 KU

[Turn over

Marks

2. (continued)

- (c) The parents of a 5 month old baby wish to buy a highchair which will be suitable as their child grows. They live in a small flat and do not have a dining table.

Study the information about highchairs below and choose the **most suitable** highchair for the family to buy.

Information about Highchairs		
Highchair A 	Highchair B 	Highchair C 
• available in 4 different colours • converts into an adult chair • no tray • safety bar to hold child in • matching items available	• available in pine • converts to low table and chair for toddler • removable wipe-clean plastic tray • full safety harness included • folds flat for easy storage	• seat available in a choice of colours • suitable for 6–18 months • wipe-clean plastic tray • safety harness available separately • metal frame with plastic seat

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

Highchair A ☐ Highchair B ☐ Highchair C ☐ **1 DC**

Marks

2. (c) (continued)

Give **two** reasons for your choice.

Reason 1 _____

1 DC

Reason 2 _____

1 DC

[Turn over

2. (continued)

- (d) The mother is returning to work when the baby is six months old. She will work two full days and one morning each week. She will have a limited income and will travel to work by bus.

Choose **one** of the following childcare services and evaluate how well it would suit the needs of the mother.

Information about Childcare Services	
Nursery • Situated 5 minutes walk from mother's work. • Children can attend for full or half days at a cost of £15 per half day. • Indoor facilities only. • Children can attend from 6 months to 3 years. • 1 adult to 4 children. • Snacks and lunch available at extra cost.	Childminder • Lives on same street as mother. • Cost is £30 per day regardless of whether the child attends for half days or full days. • Childminder lives next to play park. • Children can attend from 6 months old to school age. • 1 adult to 5 children. • Snacks and lunch included in cost.

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

Nursery ☐ Childminder ☐

Marks

2. (d) (continued)

Evaluation

Point 1 _____

1 EV

Point 2 _____

1 EV

Point 3 _____

1 EV

Point 4 _____

1 EV

[Turn over

Marks

3. (a) Identify **three** techniques which could be used by a television advertiser to increase sales.

Technique 1 _____

1 KU

Technique 2 _____

1 KU

Technique 3 _____

1 KU

- (b) A manufacturer wishes to make football tops.
Evaluate the suitability of the fabric shown below.

Information about the fabric	
Durability	*****
Elasticity	**
Absorbency	*
Ease of care	*****
Range of colours	***
Cost	££

Key:	*	—————>	*****	£	—————>	££££
	Poor		Excellent	Inexpensive		Expensive

Marks

3. (b) (continued)

Evaluation

Point 1 _____

1 EV

Point 2 _____

1 EV

Point 3 _____

1 EV

Point 4 _____

1 EV

[Turn over

Marks

3. (continued)

- (c) The football players wish to follow a healthy diet. The following menu is available in the training ground café.

Identify **three different** Scottish Dietary Targets this menu helps to meet.

Menu

Tomato and basil soup

Grilled chicken breast, baked potato, green beans

Rhubarb with an oat cereal topping

Dietary target 1 _____

1 KU

Dietary target 2 _____

1 KU

Dietary target 3 _____

1 KU

- (d) Explain the benefit to the consumer of each of the following pieces of information found on food labels.

Ingredients List

Benefit _____

1 KU

Use by date

Benefit _____

1 KU

Marks

4. (a) An environmentally friendly family wishes to buy a new washing machine. The family has five members including two children under five.

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

Information about Washing Machines		
Machine A	Machine B	Machine C
- Wash performance A - Spin performance B - Half load programme 6 programmes 6 kg wash load 52 litres of water per cycle	- Wash performance A+ - Spin performance A - Economy wash programme 12 programmes 7 kg wash load 50 litres of water per cycle	- Wash performance A+ - Spin performance A - Economy wash programme 8 programmes 6 kg wash load 53 litres of water per cycle

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

[Turn over

4. (continued)*Marks***(b)** Answer **either** Part (i) or Part (ii)**Part (i)**

The family have been charged for the washing machine to be delivered although the shop had an advert in the window showing “Free Delivery”.

Name the Act that protects the family in this situation and state **two** points of this Act.

Name of Act _____ **1 KU**

Point 1 _____

_____ **1 KU**

Point 2 _____

_____ **1 KU**

Or**Part (ii)**

The washing machine stops spinning after the family has owned it for two months.

Name the Act that protects the family in this situation and state **two** points of this Act.

Name of Act _____ **1 KU**

Point 1 _____

_____ **1 KU**

Point 2 _____

_____ **1 KU**

4. (continued)

Marks

- (c) Explain **one** way that the environmentally friendly family could recycle **each** of the following.

Clothing _____

1 KU

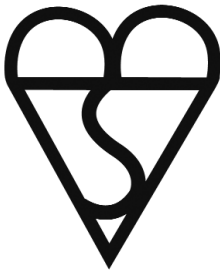
Packaging _____

1 KU

- (d) Name **each** of the following symbols found on labels.
Explain the importance of **Symbol 1**.



Symbol 1



Symbol 2

Symbol 1 _____

1 KU

Explanation _____

1 KU

Symbol 2 _____

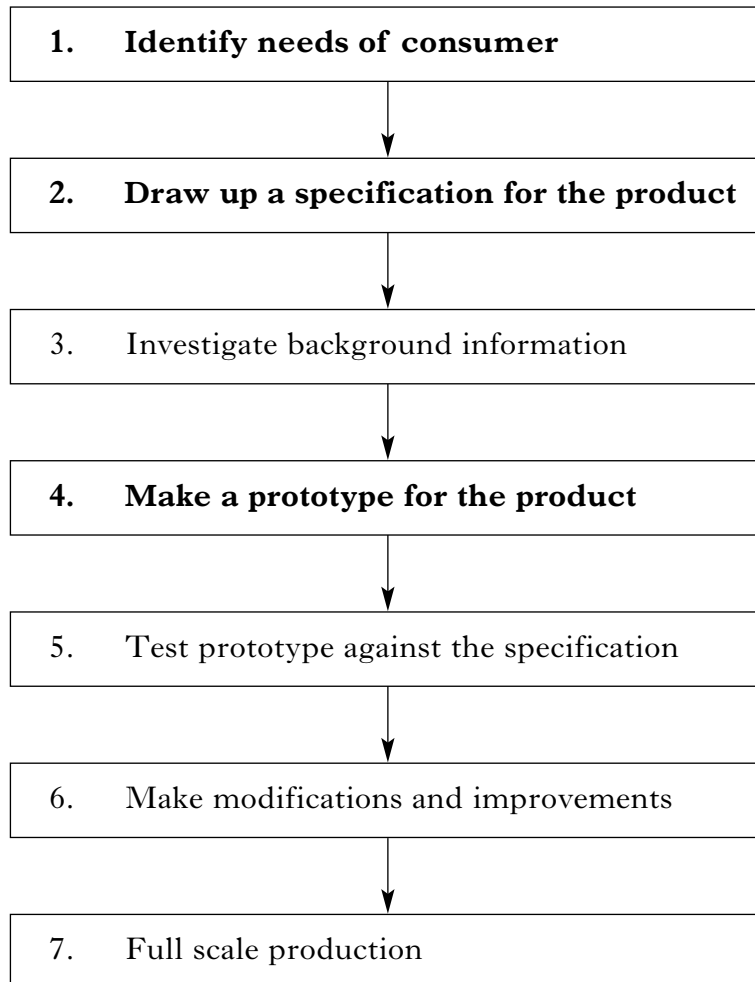
1 KU

[Turn over

Marks

5. (a) Primary school enterprise pupils are planning to develop mini celebration cakes for sale. They have produced a flow chart to help in the development of the product.

Study the flow chart below and explain the importance of **steps 1, 2 and 4**.



Identify needs of consumer

1 KU

Draw up a specification for the product

1 KU

Marks

5. (a) (continued)

Make a prototype for the product

1 KU

(b) Identify **three different** sensory tests the pupils could use when developing the cakes.

Sensory test 1 _____

1 KU

Sensory test 2 _____

1 KU

Sensory test 3 _____

1 KU

[Turn over

Marks

5. (continued)

- (c) The pupils wish to package their cakes in an attractive way, using environmentally friendly packaging.

Study the information about packaging below and choose the **most suitable** packaging for the pupils to use.

Information about Packaging			
	Packaging A	Packaging B	Packaging C
Recyclable	yes	yes	no
Airtight	***	*****	*****
Visible contents	*****	***	*
Strength	***	**	*
Designs available	white silver gold	white cream	white only

Key:	*	→	*****
	Poor		Excellent

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

Packaging A ☐ Packaging B ☐ Packaging C ☐ **1 DC**

Give **two** reasons for your choice.

Reason 1 _____

_____ **1 DC**

Reason 2 _____

_____ **1 DC**

[Turn over for Question 5(*d*) on *Page twenty*

Marks

5. (continued)

(d) The primary school pupils are organising an end of term lunch.

The pupils are looking for a main dish to serve that is:

- easily prepared
- quick to cook
- easy to serve
- aesthetically pleasing.

Study the information about dishes below and choose the **most suitable** dish for the pupils to serve.

Information about Dishes					
	<i>Preparation instructions</i>	<i>Cooking instructions</i>	<i>Appearance</i>	<i>Flavour</i>	<i>Serving details</i>
Dish A	Remove lid.	Bake for 20 minutes in oven. OR Microwave on full power for 4 minutes.	*****	***	Serve directly from trays onto plates.
Dish B	Remove film lid with sharp knife. Cut sauce bag.	Fry contents in hot oil for 3 minutes. Add sauce to pan and cook for a further 20 minutes.	***	**	Transfer into serving bowl.
Dish C	Pierce film lid on one side of tray only.	Pour sauce over contents of tray. Bake for 30 minutes in oven.	***	**	Mix contents of tray and sauce together in serving bowls.

Key: * —————> *****
Poor Excellent

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

Dish A

☐

Dish B

☐

Dish C

☐
1 DC

5. (d) (continued)

Marks

Give **two** reasons for your choice.

Reason 1 _____

Reason 2 _____

1 DC

1 DC

[END OF QUESTION PAPER]

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[illegible]

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