

FOR OFFICIAL USE

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Total Marks

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X117/201

NATIONAL
QUALIFICATIONS
2011

MONDAY, 16 MAY
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

--

Town

--

Forename(s)

--

Surname

--

Date of birth

Day Month Year

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

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) Identify **four** factors linked to diet and lifestyle which may contribute to coronary heart disease.

Factor 1 _____ 1 KU

Factor 2 _____ 1 KU

Factor 3 _____ 1 KU

Factor 4 _____ 1 KU

- (b) State **two** reasons why people may become vegetarians.

Reason 1 _____

_____ 1 KU

Reason 2 _____

_____ 1 KU

- (c) (i) Name **one** nutrient which may be lacking in a vegetarian diet.

Nutrient _____ 1 KU

- (ii) Give **one** food source of this nutrient that would be suitable for a vegetarian.

Food source _____ 1 KU

Marks

1. (continued)

(d) A 16 year old boy has the following day's meals.

Taking account of the Dietary Reference Values (DRVs) for teenage males aged 15–18, evaluate the suitability of his day's meals.

Dietary Reference Values for Males 15–18 years					
Estimated Average Requirements	Reference Nutrient Intake				
<i>Energy</i> (MJ)	<i>Protein</i> (g)	<i>Iron</i> (mg)	<i>Calcium</i> (mg)	<i>Sodium</i> (mg)	<i>Vitamin B₁</i> (mg)
11·51	55·2	11·3	1000	1600	0·4

Dietary content of a day's meals eaten by a 16 year old boy					
<i>Energy</i> (MJ)	<i>Protein</i> (g)	<i>Iron</i> (mg)	<i>Calcium</i> (mg)	<i>Sodium</i> (mg)	<i>Vitamin B₁</i> (mg)
10·50	56·4	9·8	1125	1800	0·4

Evaluation

Point 1 _____

1 EV

Point 2 _____

1 EV

Point 3 _____

1 EV

Point 4 _____

1 EV

Marks

2. (a) Explain **two** ways in which **one** of the following provide support to a parent of a new baby.

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

Either Health visitor ☐

or Midwife ☐

1 _____

1 KU

2 _____

1 KU

- (b) Give **one** advantage and **one** disadvantage of

either breastfeeding ☐

or bottle feeding. ☐

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

Advantage _____

1 KU

Disadvantage _____

1 KU

*Marks***2. (continued)**

- (c) State **two** points to consider when weaning a baby.

Point 1 _____

1 KU

Point 2 _____

1 KU

- (d) **Other than nutritional content**, give **two** reasons why a working parent may buy ready prepared baby foods.

Point 1 _____

1 KU

Point 2 _____

1 KU**[Turn over**

2. (continued)

- (e) Parents of a six month old baby wish to buy a baby walker which is good value for money.

Study the information about baby walkers shown below and choose the **most suitable** baby walker for the parents to buy.

Information about Baby Walkers		
Baby Walker A	Baby Walker B	Baby Walker C
Single seat height	Seat adjusts to 3 height settings	Seat adjusts to 3 height settings
Detachable toys	Adjustable tray	Converts to push-along toy
4 fixed wheels	2 swivel and 2 fixed wheels	2 swivel and 2 fixed wheels
Rigid back rest	Padded back rest	Padded seat and back rest
Wipe clean seat and back rest	Easy wipe seat and back rest	Removable seat and back rest covers for machine washing
6 months–1 year	6 months–18 months	6 months–3 years
£50	£60	£60

Marks

2. (e) (continued)

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

Baby Walker A ☐ Baby Walker B ☐ Baby Walker C ☐

1 DC

Give **three** reasons for your choice.

Reason 1 _____

1 DC

Reason 2 _____

1 DC

Reason 3 _____

1 DC

[Turn over

Marks

3. (a) Identify **two** principles of design.

1 _____ **1 KU**

2 _____ **1 KU**

(b) A young working couple who enjoy cooking different dishes and entertaining wish to buy a new cooker.

The cooker must:

- be energy efficient
- have a large capacity.

Study the information about cookers shown below and choose the **most suitable** cooker for the young couple to buy.

Information about Cookers			
	Cooker A	Cooker B	Cooker C
Energy rating	A	A	B
Features	• six rings • large fan assisted oven • small oven • separate grill	• six rings • large oven • small oven • grill in small oven	• four rings • large fan assisted oven • grill situated in oven
Additional features	• clock with timer • self clean oven liners • left or right opening oven door	• digital clock • removable oven liners • glass oven door	• clock • removable oven liner • glass oven door
Colours available	3 colours	3 colours	2 colours

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

Cooker 1 ☐ Cooker 2 ☐ Cooker 3 ☐

1 DC

*Marks***3. (b) (continued)**

Give **three** reasons for your choice.

Reason 1 _____

_____ **1 DC**

Reason 2 _____

_____ **1 DC**

Reason 3 _____

_____ **1 DC**

- (c) Choose **one** of the following methods of payment for the cooker and give **one** advantage and **one** disadvantage of the method chosen.

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

Cash ☐

or

Credit card ☐

Advantage _____

_____ **1 KU**

Disadvantage _____

_____ **1 KU**

[Turn over

Marks

3. (continued)

- (d) Evaluate the suitability of four design features of the pan set shown below for the young couple.

Place the numbers **1**, **2**, **3** and **4** in the boxes to indicate your choice.

Design features of pan set	
5-piece set	☐
Heat resistant soft-grip handles	☐
Riveted handles	☐
Non-stick interior surface	☐
Glass lid with steam vent	☐
Dishwasher safe	☐
Stackable	☐

Evaluation

Design feature 1 _____

1 EV

Design feature 2 _____

1 EV

Design feature 3 _____

1 EV

Design feature 4 _____

1 EV

Marks

4. (a) Give **one** benefit of each of the following to a manufacturer.

Concept screening

Benefit _____

1 KU

Product testing

Benefit _____

1 KU

- (b) Name **two different** sensory tests which could be used by a manufacturer.

Sensory test 1 _____

1 KU

Sensory test 2 _____

1 KU

[Turn over

*Marks***4. (continued)**

(c) A parent wishes to buy a winter jacket for an 8 year old child.

Study the information about winter jackets shown below and choose the **most suitable** jacket for the parent to buy.

Information about Winter Jackets		
Jacket A	Jacket B	Jacket C
• button fastening • 2 patch pockets • detachable hood • water resistant finish • drawstring hem • dry clean only	• zip fastening • zip fastened front pockets • fleece lined hood • water resistant finish • elasticated hem • machine washable	• press stud fastening • 2 side pockets • attached hood • shower and windproof • loose fitting hem • machine washable

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

Jacket A ☐ Jacket B ☐ Jacket C ☐

1 DC

Give **three** reasons for your choice.

Reason 1 _____

1 DC

Reason 2 _____

1 DC

Reason 3 _____

1 DC

*Marks***4. (continued)**

(d) It is important for a manufacturer to save money during production.

Choose **one** of the headings below and explain **two** ways this can be achieved.

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

Stock control

☐

or

Energy saving

☐

1 _____

1 KU

2 _____

1 KU

(e) Name **one** label which could be found on the jacket and explain the importance of this label to the consumer.

Label _____

1 KU

Importance of label to consumer _____

1 KU

[Turn over

Marks

5. (a) State **two** Scottish Dietary Targets and explain a **different** practical way to help meet **each** of the targets.

Scottish Dietary Target _____ 1 KU

Practical way _____

1 KU

Scottish Dietary Target _____ 1 KU

Practical way _____

1 KU

- (b) A student wants to buy a snack meal to eat while studying.

The snack meal must be quick and easy to make.

Study the information about snack meals shown below and choose the **most suitable** snack meal for the student to buy.

Information about Snack Meals				
Snack meal	Storage instructions	Value for money	Aesthetic appeal	Preparation and cooking instructions
A	Store in freezer for up to 3 months	***	**	- Defrost thoroughly - Transfer contents to a small pot - Heat gently till piping hot
B	Keep refrigerated	*****	***	- Remove cardboard sleeve - Pierce film lid - Microwave for 3 minutes or oven cook for 20 minutes
C	Keep refrigerated	*****	**	- Transfer contents to a non-metallic container - Cover - Microwave for 3 minutes or oven cook for 25 minutes

Key:

* —————> *****

Poor —————> Excellent

*Marks***5. (b) (continued)**

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

Snack Meal A ☐ Snack Meal B ☐ Snack Meal C ☐ **1 DC**

Give **two** reasons for your choice.

Reason 1 _____

_____ **1 DC**

Reason 2 _____

_____ **1 DC**

(c) Identify **two** conditions necessary for the growth of bacteria.

Condition 1 _____ **1 KU**

Condition 2 _____ **1 KU**

(d) Give **one** reason why an Environmental Health Officer might inspect food premises.

_____ **1 KU**

[Turn over for Question 5(e) on Page sixteen]

Marks

5. (continued)

- (e) Choose **two** of the following and explain **one** way **each** could help the consumer.

Place the numbers **1** and **2** in the boxes below to indicate your choice.

Food Safety Act 1990 ☐

Food Standards Agency ☐

Citizens Advice Bureau ☐

Explanation 1 _____

1 KU

Explanation 2 _____

1 KU

[END OF QUESTION PAPER]

[illegible]

[illegible]

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