

FOR OFFICIAL USE

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Total Marks

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X117/11/01

NATIONAL QUALIFICATIONS 2014
FRIDAY, 2 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

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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) Identify **two** dietary factors **and two** lifestyle factors that could contribute to obesity in children.

Dietary factor 1 _____

1 KU

Dietary factor 2 _____

1 KU

Lifestyle factor 1 _____

1 KU

Lifestyle factor 2 _____

1 KU

- (b) State **one** benefit to a child of playing outside.

Benefit _____

1 KU

- (c) A toddler does not like eating fruit or vegetables.

Give **three** practical ways to include fruit and vegetables in the diet of the toddler.

Practical way 1 _____

1 KU

Practical way 2 _____

1 KU

Practical way 3 _____

1 KU

Marks

1. (continued)

(d) An active two year old girl has the following day's meals.

Taking account of the Dietary Reference Values (DRVs) for females aged 1–3 years, evaluate the suitability of her day's meals.

Dietary Reference Values for females aged 1–3 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)
5.20	14.5	6.9	350	500	0.5

Dietary Analysis of Day's Meals					
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)
4.30	15.0	6.1	380	800	0.3

Evaluation 1 _____

_____ 1 EV

Evaluation 2 _____

_____ 1 EV

Evaluation 3 _____

_____ 1 EV

Evaluation 4 _____

_____ 1 EV

Marks

2. (a) The parents of a new baby want to buy a pushchair that will be suitable as the child grows. They live in an upstairs flat and use public transport.

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

Information about Pushchairs		
Pushchair A	Pushchair B	Pushchair C
<ul style="list-style-type: none"> • Suitable from birth to 3 years • Folds flat • Rear facing seat • Fixed wheels • Weight 13 kg • Hook on handle for shopping bag • Rain cover included 	<ul style="list-style-type: none"> • Suitable from birth to 3 years • Automatic folding and unfolding • Seat converts to a carry chair • Front swivel wheels • Weight 11 kg • Tray with shopping bag • Rain cover included 	<ul style="list-style-type: none"> • Suitable from birth to 2 years • Fold away frame • Removable seat • Front swivel wheels • Weight 11.5 kg • Matching shopping bag included • Rain cover available

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

Pushchair A Pushchair B Pushchair C **1 DC**

Give **three** reasons for your choice.

Reason 1 _____

_____ **1 DC**

Reason 2 _____

_____ **1 DC**

Reason 3 _____

_____ **1 DC**

Marks

2. (continued)

(b) Give **one** advantage and **one** disadvantage of **one** of the following methods of paying for the pushchair.

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

Cash Credit card

Advantage _____

1 KU

Disadvantage _____

1 KU

[Turn over

Marks

2. (continued)

(c) Study the winter jacket for a toddler.

Explain the importance of **three** of the design features.

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

- Full length zip fastening
- Zipped pockets
- Fleece lined hood
- Cartoon motif
- Reflective strips
- Elasticated hem



Design feature 1 _____

1 KU

Design feature 2 _____

1 KU

Design feature 3 _____

1 KU

(d) Identify **three** points of information **apart from size**, that could be found on the jacket label.

Point 1 _____

1 KU

Point 2 _____

1 KU

Point 3 _____

1 KU

Marks

3. (a) Identify **two** checks a health professional would carry out on a new born baby.

Health check 1 _____

1 KU

Health check 2 _____

1 KU

(b) Describe **two** benefits of breastfeeding.

Benefit 1 _____

1 KU

Benefit 2 _____

1 KU

[Turn over

Marks

3. (continued)

(c) Working parents who have two primary school aged children and a baby want to buy a new washing machine. The children play football regularly.

Study the information about washing machines and choose the most suitable washing machine for them to buy.

Information about washing machines			
	Washing Machine A	Washing Machine B	Washing Machine C
Spin speed	1600 rpm	1400 rpm	1600 rpm
Load	8 kg	7 kg	8 kg
Programmes	<ul style="list-style-type: none"> • Half load • Economy wash • Extra rinse 	<ul style="list-style-type: none"> • Pre wash • Light load • Rinse hold 	<ul style="list-style-type: none"> • Pre wash • Delicate wash • Super rinse
Other features	<ul style="list-style-type: none"> • Self cleaning • Detergent dispenser • Digital display 	<ul style="list-style-type: none"> • Delay start option • Time remaining feature 	<ul style="list-style-type: none"> • Low noise level • Child lock

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

Marks

3. (continued)

(d) State **two** ways a consumer could get advice when choosing a washing machine.

1 _____

1 KU

2 _____

1 KU

(e) Name **one** Act that helps to protect the consumer when buying a washing machine.

Explain **one** point of the Act.

Act _____

1 KU

Explanation _____

1 KU

[Turn over

Marks

4. (a) A manufacturer wants to offer a range of 'direct to your door' snack boxes and needs to find suitable packaging to use.

Choose **four** of the features of the packaging shown below and evaluate their suitability.

Flip up lid with tuck-in flap

Letterbox size

Individual sealed compartments

Product information on base

Rigid plastic container

Wipe included



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

Evaluation 1 _____

1 EV

Evaluation 2 _____

1 EV

Evaluation 3 _____

1 EV

Evaluation 4 _____

1 EV

Marks

4. (continued)

(b) State **one** reason why the manufacturer would carry out **two** of the following activities when developing a new product.

Market research Concept generation Prototype production

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

Reason 1 _____

1 KU

Reason 2 _____

1 KU

(c) Explain how **each** of the following could affect a consumer's choice of foods.

Advertising _____

1 KU

Peer pressure _____

1 KU

Religious beliefs _____

1 KU

Environmental issues _____

1 KU

Marks

4. (continued)

(d) State **two** reasons why an Environmental Health Officer would inspect food premises.

Reason 1 _____

1 KU

Reason 2 _____

1 KU

[Turn over for Question 5(a) on *Page fourteen*

Marks

5. (a) A junior athletics club wants to buy new strips.

The club have midweek training sessions and travel to competitions at weekends.

The strips must:

- fit all athletes
- make the athletes easy to identify.

Study the information about athletics strips shown below and choose the **most suitable** for the club to buy.

Information about athletics strips			
	Strip A	Strip B	Strip C
Sizes	****	****	***
Range of colours	****	***	****
Absorbency	***	***	*
Care instructions	Wash at 60 °C May be tumble dried	Wash at 40 °C May be tumble dried	Wash at 40 °C Do not tumble dry
Design features	Personalised logo included in the price	Personalised logo at extra cost	Range of pre-set logos included in the price
Cost	££	££££	££

Key:	* → ****	£ → ££££
	Poor Excellent	Inexpensive Expensive

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

Strip A Strip B Strip C

1 DC

Marks

5. (a) (continued)

Give **three** reasons for your choice.

Reason 1 _____

1 DC

Reason 2 _____

1 DC

Reason 3 _____

1 DC

(b) The following packed lunch is supplied to the athletes when travelling to a competition.

Identify **two** Scottish dietary targets the packed lunch helps to meet.

Explain how each dietary target would benefit health.

Packed Lunch

Multi-grain roll with spicy chicken and salad

Fresh fruit salad pot

Carton of fresh orange juice

Dietary target 1 _____

1 KU

Benefit to health _____

1 KU

Dietary target 2 _____

1 KU

Benefit to health _____

1 KU

Marks

5. (continued)

- (c) The junior athletics club wants to buy snack bars to give to the athletes after competing.

Study the information about snack bars shown below and choose the **most suitable** for the junior athletics club to buy for the athletes.

Information about snack bars			
	Snack bar A	Snack bar B	Snack bar C
Flavours available	Cranberry Pecan Banana	Apple Raspberry Strawberry	Hazelnut Blueberry Cranberry
Size	55 g	70 g	60 g
Energy content	716 kJ	950 kJ	820 kJ
Carbohydrate	25 g, of which sugar: 18 g	38 g, of which sugar: 9 g	35 g, of which sugar: 16 g
Cost per bar	45p	45p	49p

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

Snack bar A Snack bar B Snack bar C

1 DC

Marks

5. (c) (continued)

Give **three** reasons for your choice.

Reason 1 _____

Reason 2 _____

Reason 3 _____

1 DC

1 DC

1 DC

[END OF QUESTION PAPER]

Marks

ADDITIONAL SPACE FOR ANSWERS

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