

X117/301

NATIONAL
QUALIFICATIONS
2010

TUESDAY, 8 JUNE
1.00 PM – 3.00 PM

HOME ECONOMICS
LIFESTYLE AND
CONSUMER
TECHNOLOGY
HIGHER

80 marks are allocated to this paper.

This paper consists of **two** sections.

Candidates should attempt the following:

Section A—All questions

Section B—Question 1 and any other **two** questions.

The breakdown of Knowledge and Understanding (**KU**) and Evaluation (**EV**) marks are indicated beside each question.



SECTION A

Attempt ALL questions.

You should spend approximately 30 minutes on this part of the paper.

	<i>Marks</i>
1. State one function of the family.	1
2. State one benefit to health of increased consumption of fruit and vegetables.	1
3. Identify one cooking method which would help meet the Scottish Dietary Targets.	1
4. Name one safety label found on electrical goods.	1
5. Give the name used for goods which are produced and sold with the aim of improving wages in third world.	1
6. What does the abbreviation OFT stand for?	1
7. Give one property of wool.	1
8. Give one benefit of The Sale and Supply of Goods to Consumers Regulations (2002).	1
9. Give two causes of cross contamination.	2
10. State two benefits of additives in food.	2
11. Give two ways the Consumers' Association benefits the consumer.	2
12. State two reasons manufacturers use market research.	2
13. Give one advantage and one disadvantage of online banking.	2
14. Give one advantage and one disadvantage of breastfeeding.	2
	(20)

SECTION B

Marks

Attempt THREE questions from this section: Question 1 and any other TWO questions.

You should spend approximately 30 minutes on each question.

1. (a) Identify and explain **three** factors which affect the choice of clothing for school pupils. **6 KU**
- (b) Evaluate **each** of the following statutory services to a family.
- (i) Education
 - (ii) Housing **4 EV**
- (c) Identify and explain **three** effects unemployment may have on family life. **6 KU**
- (d) Evaluate **each** of the following methods of payment.
- (i) Credit card
 - (ii) Cash
 - (iii) Saving card
 - (iv) Store card **4 EV**
- (20)**

[Turn over

2. (a) Identify and explain **three** factors which may affect the health of the elderly. **6 KU**
- (b) The table opposite shows a day's nutrient content of meals eaten by an 80 year old man.
Using your knowledge of nutrition and the information provided, evaluate the suitability of this day's nutritional intake. **5 EV**
- (c) Evaluate the use of ready prepared foods for the elderly. **3 EV**
- (d) Explain how **each** of the following may help protect the environment.
- (i) Organic products
 - (ii) Packaging
 - (iii) Eco labelling **3 KU**
- (e) Explain **three** responsibilities of the Food Standards Agency (FSA). **3 KU**
- (20)**

2. (b) (continued)

<i>Nutrient content of a day's meals eaten by an elderly man aged 75+</i>							
<i>Energy</i>		<i>Protein</i> (g)	<i>Vitamin B2</i> (mg)	<i>Sodium</i> (mg)	<i>Iron</i> (mg)	<i>Vitamin C</i> (mg)	<i>Dietary fibre/NSP</i> (g)
(kJ)	(kcal)						
10·49	2545	60·0	0·75	1800	6·5	50	10

<i>Reference Nutrient Intake for Selected Nutrients in the UK (per day) for an elderly man aged 75+</i>				
<i>Protein</i> (g)	<i>Vitamin B2</i> (mg)	<i>Sodium</i> (mg)	<i>Iron</i> (mg)	<i>Vitamin C</i> (mg)
53·3	1·3	1600	8·7	40

<i>Estimated Average Requirement for Energy in the UK (per day) for an elderly man aged 75+</i>		
<i>Energy</i>		<i>Dietary fibre/NSP</i>
kJ	kcal	g
8·77	2100	18·0

[Turn over

3. (a) Explain **each** of the following steps in the development of a backpack.

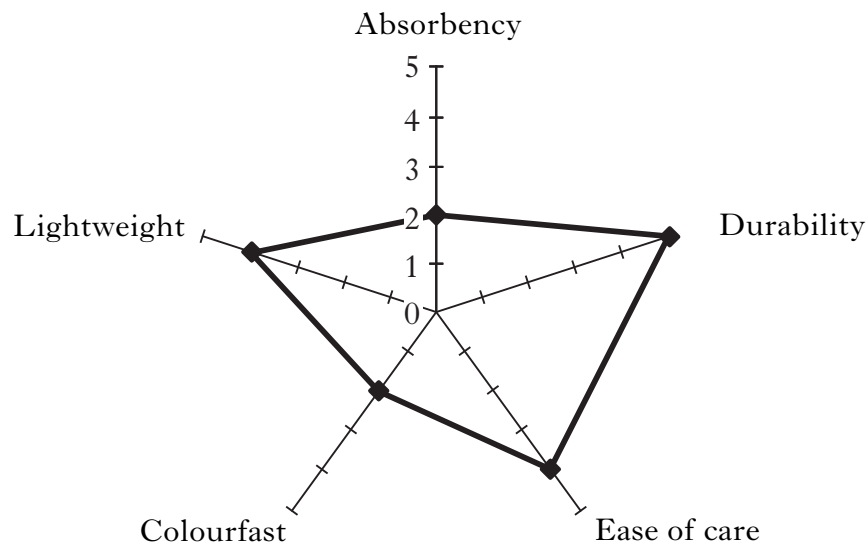
- (i) Concept generation
- (ii) Prototype production
- (iii) First production run
- (iv) Marketing plan

4 KU

(b) The star profile below shows the results of testing fabric for the backpack.

Evaluate the suitability of this fabric for the backpack.

4 EV



(c) Evaluate the use of elastane in clothing used for a cyclist.

3 EV

(d) Identify and explain **three** benefits to the family of school meals.

6 KU

(e) Explain the protection offered to the consumer by the Food Safety Act 1990.

3 KU

(20)

4. (a) Identify and explain **two** family structures. **4 KU**
- (b) Evaluate the suitability of the following meal in relation to **different** Scottish dietary targets.
- Vegetable lasagne
 - Garlic bread
 - Glass of cola
- 4 EV**
- (c) Explain **three** functions of the Advertising Standards Authority (ASA). **3 KU**
- (d) Evaluate the usefulness to the consumer of **each** of the following labels.
- (i) Nutritional
 - (ii) Bar codes
 - (iii) Cruelty free
- 3 EV**
- (e) Identify and explain **three** factors which may help prevent osteoporosis. **6 KU**
- (20)**

[END OF QUESTION PAPER]

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