

X117/301

NATIONAL
QUALIFICATIONS
2009

TUESDAY, 9 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 advantage of day care centres for the elderly.	1
2. State one antioxidant vitamin.	1
3. Give one reason why cotton is suitable for a T-shirt.	1
4. Give one example of sensory testing.	1
5. State the ideal temperature for the growth of bacteria.	1
6. Identify one assurance the Kitemark offers the consumer.	1
7. What does the abbreviation BEAB stand for?	1
8. Identify one organisation which enforces the Food Safety Act 1990.	1
9. State two advantages of an extended family.	2
10. Give two benefits of the Advertising Standards Authority (ASA).	2
11. State one advantage and one disadvantage of food packaging.	2
12. State two advantages of breastfeeding.	2
13. State two benefits of the Hungry for Success initiative.	2
14. Give two advantages of a credit union.	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) Explain **each** of the following responsibilities of a parent.
- (i) Education
 - (ii) Socialisation
 - (iii) Economic support
- 3 KU**
- (b) Evaluate how **each** of the following could affect a family's lifestyle.
- (i) Divorce
 - (ii) Disability of a family member
- 2 EV**
2 EV
- (c) Explain **three** ways in which the organisation Shelter could support a family.
- 3 KU**
- (d) Identify and explain **three** factors which could affect a consumer's choice of electrical products for the home.
- 6 KU**
- (e) Evaluate **each** of the following for the consumer.
- (i) Credit sale
 - (ii) Chip and pin
- 2 EV**
2 EV
(20)

[Turn over

2. (a) The table opposite shows a day's nutrient content of meals eaten by a pregnant woman.

Using your knowledge of nutrition, and the information provided, evaluate the suitability of this day's nutritional intake.

5 EV

- (b) Identify and explain **three** factors, **other than those relating** to diet, which will ensure good health during pregnancy.

6 KU

- (c) Evaluate the usefulness to the consumer of **each** of the following.

(i) Fibre Content Label

(ii) Care Label Symbol

(iii) CE Mark

3 EV

- (d) Explain **four** ways in which the Citizens' Advice Bureau (CAB) can help support the family.

4 KU

- (e) Explain **two** responsibilities of the Department for Environment, Food and Rural Affairs (DEFRA).

2 KU

(20)

2. (continued)

<i>Nutrient and NSP (dietary fibre) content of a day's meals eaten by a pregnant woman</i>							
<i>Energy</i>		<i>Protein</i> (g)	<i>Folic Acid</i> (µg)	<i>Iron</i> (mg)	<i>Vitamin D</i> (µg)	<i>Calcium</i> (mg)	<i>NSP</i> (g)
(kJ)	(kcal)						
8600	2010	65	255	15	8	550	12

<i>Reference Nutrient Intake for Selected Nutrients in the UK (per day) for pregnant women</i>				
<i>Protein</i> (g)	<i>Folic Acid</i> (µg)	<i>Iron</i> (mg)	<i>Vitamin D</i> (µg)	<i>Calcium</i> (mg)
51·0	300	14·8	10	700

<i>Estimated Average Requirements for Energy in the UK (per day) for pregnant women aged 19–50</i>		
Energy		NSP
kJ	kcal	g
8770	2140	18·0

[Turn over

3. (a) Explain **each** of the following stages in the development of a jacket.
- (i) Concept screening
 - (ii) Prototype production
 - (iii) Product testing
 - (iv) First production run 4 KU
- (b) Evaluate the use of breathable membranes for a jacket. 3 EV
- (c) Evaluate **each** of the following promotional techniques which could be used to launch a jacket for hillwalking.
- (i) Celebrity endorsement
 - (ii) TV advert
 - (iii) Shop display
 - (iv) Low introductory price
 - (v) Leaflet in a magazine 5 EV
- (d) Explain **two** ways the consumer is protected by the Sale and Supply of Goods to Consumers Regulations 2002. 2 KU
- (e) Identify and explain **three** factors which should be considered to prevent food poisoning when producing food suitable for a packed lunch. 6 KU
- (20)**

4. (a) Identify and explain **three** factors which may contribute to coronary heart disease. **6 KU**
- (b) Evaluate the suitability of the following snack in relation to **different** Scottish dietary targets.
- Spicy chicken mayonnaise sandwich
 - Fresh apple juice
 - Cereal bar **4 EV**
- (c) Explain **three** ways in which the National Health Service (NHS) may support a family. **3 KU**
- (d) Evaluate on-line banking for the consumer. **4 EV**
- (e) Explain **three** steps a family on a low income could take to manage debt. **3 KU**
- (20)**

[END OF QUESTION PAPER]

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