

X117/12/01

NATIONAL TUESDAY, 7 MAY
QUALIFICATIONS 1.00 PM – 3.00 PM
2013

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.

Marks

1. State **one** source of income for a family. 1
2. State **one** antioxidant vitamin. 1
3. Identify **one** factor which could change a family's lifestyle. 1
4. Give **one** property of silk. 1
5. Identify **one** source of salmonella. 1
6. What does the abbreviation **FSA** stand for? 1
7. State **one** area covered by the Consumer Protection from Unfair Trading Regulations 2008 (CPR'S). 1
8. State **one** function of a barcode. 1
9. Give **two** benefits of market research. 2
10. State **two** pieces of statutory information found on a food label. 2
11. Identify **two** ways environmental issues may influence consumer choice of electrical goods. 2
12. State **two** advantages of food additives. 2
13. Give **two** advantages of online shopping. 2
14. State **one** advantage and **one** disadvantage of organic foods. 2

(20)

SECTION B

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

You should spend approximately 30 minutes on each question.

Marks

- | | | |
|----|--|-------------|
| 1. | (a) Identify and explain three factors which affect the choice of clothing for a student. | 6 KU |
| | (b) Evaluate each of the following steps a student could take to reduce debt. | |
| | (i) Take out a personal loan | 2 EV |
| | (ii) Contact the Citizens Advice Bureau (CAB) | 2 EV |
| | (c) Identify and explain three responsibilities of a parent. | 6 KU |
| | (d) Evaluate each of the following voluntary services to a family. | |
| | (i) Shelter | |
| | (ii) Women's Royal Voluntary Service (WRVS) | 4 EV |
| | | (20) |

[Turn over

2. (a) The table opposite shows a day's nutrient and NSP content of meals eaten by a vegetarian 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 that may contribute to osteoporosis. **6 KU**
- (c) Evaluate the use of elastomeric fibres in swimwear. **3 EV**
- (d) Explain the benefits of **each** of the following labels to the consumer.
- (i) Kitemark
- (ii) Care labels **4 KU**
- (e) Explain **two** responsibilities of the Advertising Standards Authority (ASA). **2 KU**
- (20)**

2. (continued)

| <i>Nutrient and NSP (dietary fibre) content of a day's meals eaten by a vegetarian woman</i> | | | | | | | |
|--|--------|-----------------------|--------------------------|---------------------|-----------------------|----------------------------|-------------------|
| <i>Energy</i> | | <i>Protein</i> (g) | <i>Vitamin A</i> (µg) | <i>Iron</i> (mg) | <i>Sodium</i> (mg) | <i>Vitamin B12</i> (µg) | <i>NSP</i> (g) |
| (MJ) | (kcal) | | | | | | |
| 9.6 | 2292 | 45 | 540 | 12.9 | 1720 | 2.1 | 28 |

| <i>Reference Nutrient Intake for Selected Nutrients in the UK (per day) for females aged 19–50 years</i> | | | | |
|--|--------------------------|---------------------|-----------------------|----------------------------|
| <i>Protein</i> (g) | <i>Vitamin A</i> (µg) | <i>Iron</i> (mg) | <i>Sodium</i> (mg) | <i>Vitamin B12</i> (µg) |
| 51 | 600 | 14.8 | 1600 | 1.5 |

| <i>Estimated Average Requirement for Energy in the UK (per day) for females aged 19–50 years</i> | | |
|--|------|------------|
| <i>Energy</i> | | <i>NSP</i> |
| MJ | kcal | (g) |
| 8.10 | 1940 | 18 |

[Turn over

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

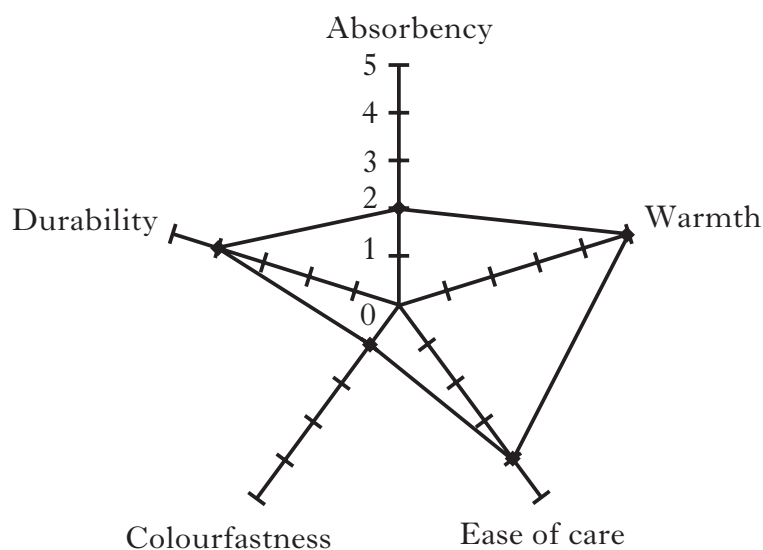
- (i) Concept screening
- (ii) Product testing
- (iii) Marketing plan
- (iv) Launch

4 KU

(b) The star profile below shows the results of testing a winter jacket.

Evaluate the suitability of the fabric for a winter jacket.

4 EV



(c) Evaluate **each** of the following for the consumer.

- (i) Store card
- (ii) Chip and pin

2 EV

2 EV

(d) Identify and explain **three** benefits of breakfast clubs to the family.

6 KU

(e) Explain **two** ways the Food Safety Act 1990 protects the consumer.

2 KU

(20)

- Marks*
4. (a) Identify and explain **two** family structures. 4 KU
- (b) Explain how **each** of the following statutory services may support a family.
- (i) Housing
 - (ii) Social Services 4 KU
- (c) Evaluate the following meal in relation to **four different** Scottish Dietary Targets.
- Baked potato and spicy chicken mayonnaise
 - Apple crumble 4 EV
- (d) Identify and explain **two** factors that may contribute to obesity. 4 KU
- (e) Evaluate **each** of the following technological developments for the consumer.
- (i) Cook-chill products
 - (ii) Extrusion cooking 4 EV
- (20)**

[END OF QUESTION PAPER]

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