

# X117/12/01

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NATIONAL THURSDAY, 3 MAY  
QUALIFICATIONS 1.00 PM – 3.00 PM  
2012

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. Identify <b>one</b> sensory test.  | 1           |
| 2. Give <b>one</b> food source of vitamin C.  | 1           |
| 3. Name <b>one</b> condition needed for bacterial growth.   | 1           |
| 4. State <b>one</b> source of non starch polysaccharides (NSP).   | 1           |
| 5. Give <b>one</b> property of linen.   | 1           |
| 6. What does the abbreviation <b>APR</b> stand for?   | 1           |
| 7. Explain the term “cruelty free”.   | 1           |
| 8. Name <b>one</b> statutory label found on furniture.  | 1           |
| 9. Give <b>two</b> practical ways to reduce fat in the diet.  | 2           |
| 10. Identify <b>two</b> advantages of breastfeeding.  | 2           |
| 11. State <b>two</b> practical ways to manage debt.   | 2           |
| 12. Identify <b>two</b> responsibilities of the Department for the Environment, Food and Rural Affairs (DEFRA). | 2           |
| 13. Give <b>two</b> advantages of Fair Trade foods.   | 2           |
| 14. Identify <b>one</b> advantage and <b>one</b> disadvantage of online banking.                                | 2           |
|   | <b>(20)</b> |

**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** functions of the family. **6 KU**
- (b) Evaluate how **each** of the following could affect a family.
- (i) Divorce
  - (ii) Death of a family member **4 EV**
- (c) Explain the role of the Samaritans. **2 KU**
- (d) Explain how **each** of the following may influence food choice of school pupils.
- (i) Peer pressure
  - (ii) Advertising
  - (iii) Education
  - (iv) Culture/religion **4 KU**
- (e) Evaluate **each** of the following methods of payment.
- (i) Cash
  - (ii) Credit Card **4 EV**

**(20)**

**[Turn over**

*Marks*

2. (a) The table opposite shows a day's nutrient content of meals eaten by a 5 year old girl.  
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 cause dental caries. **6 KU**
- (c) Evaluate the use of preservatives in food. **3 EV**
- (d) Explain the use of breathable membranes for outdoor wear. **3 KU**
- (e) Explain the benefits of **each** of the following labels to the consumer.
- (i) Lion Mark
  - (ii) Recycling
  - (iii) Vegetarian
- 3 KU**  
**(20)**

**2. (continued)**

<i>Nutrient content of a day's meals eaten by a 5 year old girl</i>						
<i>Energy</i>		<i>Protein</i> (g)	<i>Vitamin B1</i> (mg)	<i>Vitamin A</i> (µg)	<i>Iron</i> (mg)	<i>Sodium</i> (mg)
(MJ)	(kcal)					
5.9	1409	15	1.1	455	7	820

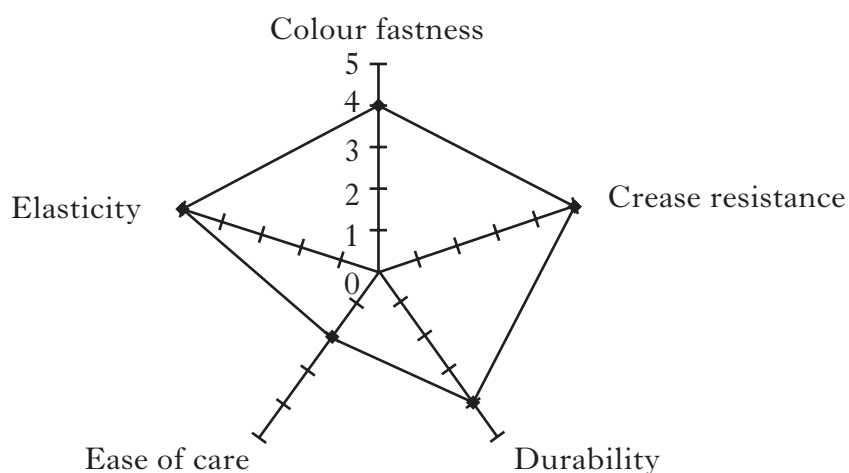
<i>Reference Nutrient Intake for Selected Nutrients in the UK (per day) for girls aged 4–6 years</i>				
<i>Protein</i> (g)	<i>Vitamin B1</i> (mg)	<i>Vitamin A</i> (µg)	<i>Iron</i> (mg)	<i>Sodium</i> (mg)
19.7	0.7	500	6.1	700

<i>Estimated Average Requirement for Energy in the UK (per day) for girls aged 4–6 years</i>	
MJ	kcal
6.46	1545

**[Turn over**

3. (a) Identify and explain **three** stages in the development of sportswear. **6 KU**

(b) The star profile below shows the results of testing a fabric for sportswear. Evaluate the suitability of the fabric for sportswear.



**4 EV**

(c) Explain how **each** of the following statutory services can support a family.

(i) Education

(ii) National Health Service (NHS)

**4 KU**

(d) Explain **three** ways the consumer is protected by the Sale and Supply of Goods to Consumer Regulations 2002.

**3 KU**

(e) Evaluate the use of organic foods to the consumer.

**3 EV**

**(20)**

- Marks*
4. (a) Identify and explain **two** factors **other than diet** that may affect health. **4 KU**
- (b) Evaluate the following meal in relation to **four different** Scottish Dietary Targets.
- Cheese and tomato pizza
  - Spicy potato wedges
  - Strawberry ice cream **4 EV**
- (c) Evaluate **each** of the following community services for the elderly.
- (i) Meals on Wheels
  - (ii) Day care centres **4 EV**
- (d) Identify and explain **two** adaptations that can be made in the home to accommodate a disabled family member. **4 KU**
- (e) Explain the role of **each** of the following.
- (i) Environmental Health Officer (EHO)
  - (ii) Citizens Advice Bureau (CAB) **4 KU**
- (20)**

[END OF QUESTION PAPER]

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