

X117/12/01

NATIONAL
QUALIFICATIONS
2014

FRIDAY, 2 MAY
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.

Marks

- | | |
|---|-------------|
| 1. Identify one family structure. | 1 |
| 2. State one food source of vitamin A. | 1 |
| 3. State one cause of hypertension. | 1 |
| 4. Give one property of cotton. | 1 |
| 5. Explain the term “over nutrition”. | 1 |
| 6. What does the abbreviation OFT stand for? | 1 |
| 7. State one function of the organisation Shelter. | 1 |
| 8. Give the temperature required for the safe re-heating of food. | 1 |
| 9. Give two benefits of using a store card. | 2 |
| 10. Identify two cooking methods which would help meet Scottish Dietary Targets. | 2 |
| 11. State two practical ways of reducing sugar in the diet. | 2 |
| 12. Identify two areas covered by the Food Safety Act 1990. | 2 |
| 13. State two advantages of breathable membranes in clothing. | 2 |
| 14. State one advantage and one disadvantage of extruded food products. | 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 that may contribute to a change in family lifestyle. | 6 KU |
| | (b) Evaluate each of the following methods of saving money for a family. | |
| | (i) Savings Account | 2 EV |
| | (ii) Credit Union | 2 EV |
| | (c) Identify and explain three factors which may influence the choice of food for an elderly person on a low income. | 6 KU |
| | (d) Evaluate how each of the following statutory services may support a family. | |
| | (i) National Health Service (NHS) | |
| | (ii) Education | 4 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 diet**, which may affect health during pregnancy. **6 KU**
- (c) Evaluate internet shopping as a method of purchasing a car seat for a baby. **3 EV**
- (d) Explain the benefits of **each** of the following to the consumer.
- (i) Care labels on clothing **2 KU**
 - (ii) Nutritional information on convenience food **2 KU**
- (e) Explain the role of the British Standards Institution (BSI). **2 KU**
- (20)**

2. (continued)

<i>Nutrient content of a day's meals eaten by a pregnant woman</i>						
<i>Energy</i>		<i>Protein (g)</i>	<i>Saturated Fat %</i>	<i>Calcium (mg)</i>	<i>Vitamin C (mg)</i>	<i>Folic Acid (µg)</i>
<i>(MJ)</i>	<i>(kcal)</i>					
11.12	2675	41.0	16	602	43	405

<i>Reference Nutrient Intake for Selected Nutrients in the UK (per day) for pregnant women</i>			
<i>Protein (g)</i>	<i>Calcium (mg)</i>	<i>Vitamin C (mg)</i>	<i>Folic acid (µg)</i>
51.0	700	50	300

<i>Estimated Average Requirement for Energy in the UK (per day) for pregnant women</i>	
<i>Energy</i>	
<i>MJ</i>	<i>kcal</i>
8.9	2140

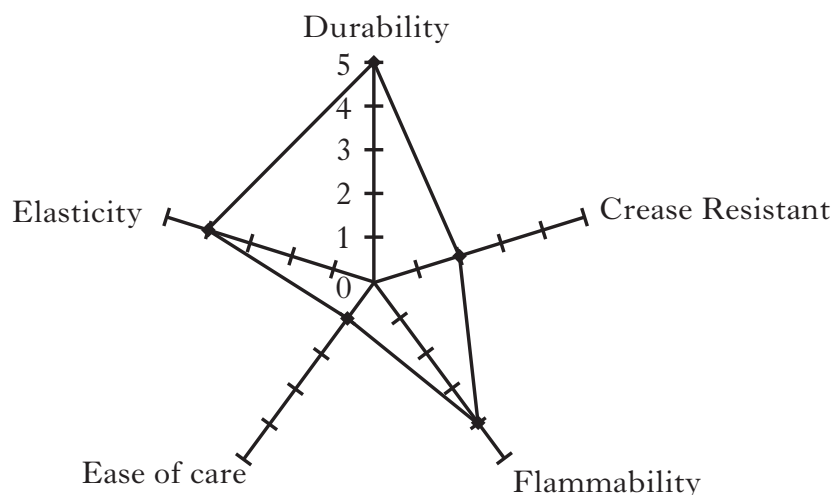
[Turn over

3. (a) Identify and explain **three** stages in the development of school trousers.

6 KU

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

Evaluate the suitability of this fabric for the school trousers.



4 EV

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

(i) Fair Trade products

(ii) Organic foods

4 EV

(d) Explain the role of **each** of the following.

(i) Which?

(ii) Food Standards Agency (FSA)

4 KU

(e) Explain the protection offered to the consumer by the Consumer Protection from Unfair Trading Regulations (CPRs) 2008.

2 KU

(20)

4. (a) Explain **each** of the following functions of a family.
- (i) Care and mutual support
 - (ii) Socialisation
 - (iii) Economic support
- (b) Identify and explain **two** factors which should be considered to prevent food poisoning on a family picnic.
- (c) Evaluate **each** of the following community services for the family.
- (i) Nursery meals
 - (ii) Meals on wheels
- (d) Identify and explain **three** types of additives in food.
- (e) Evaluate the use of market research in product development.
- 3 KU**
4 KU
4 EV
6 KU
3 EV
(20)

[END OF QUESTION PAPER]

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