



Oxford Cambridge and RSA

## Wednesday 21 June 2017 – Morning

### A2 GCE HOME ECONOMICS

#### Food, Nutrition and Health

**G004/01** Nutrition and Food Production



Candidates answer on the Question Paper.

**OCR supplied materials:**

None

**Other materials required:**

None

**Duration:** 1 hour 30 minutes



Candidate forename					Candidate surname				
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Centre number						Candidate number			
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#### INSTRUCTIONS TO CANDIDATES

- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Write your answer to each question in the space provided. Additional paper may be used if necessary but you must clearly show your candidate number, centre number and question number(s).
- There are two sections in this paper.

**Section A 25 marks**

Answer all parts of question 1.

**Section B 50 marks**

Answer **two** questions only.

- Do **not** write in the barcodes.

#### INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [ ] at the end of each question or part question.
- The total number of marks for this paper is **75**.
- Quality of Written Communication will be assessed in Section B.
- This document consists of **12** pages. Any blank pages are indicated.

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## SECTION A

Answer **all parts** of question 1.

- 1 (a) (i) Name **two** cooking oils.

..... [2]

- (ii) Describe **three** advantages of fats and oils in the diet.

1 .....

.....

2 .....

.....

3 .....

.....

[6]

- (iii) Explain the process of hydrogenation on cooking oils.

.....  
.....  
.....

[2]

- (b) Describe the function of folic acid in the diet.

.....  
.....  
.....

[2]

- (c) (i) Identify **two** good food sources of vitamin E.

1 .....

2 .....

[2]

- (ii) State **one** function of vitamin E.

.....  
.....

[1]

3

- (d) Explain **two** reasons why food packaging is important to retailers.

1 .....

[4]

- (e) Explain the statutory labelling requirements for all prepacked food in the UK.

[6]

**SECTION B**

**Answer two questions only.**

- 2** Discuss the nutritional significance of mineral elements in the diet during childhood and adolescence. **[25]**
- 3** Discuss the value of eggs in the diet. **[25]**
- 4** Discuss the reasons for changes in the availability and supply of food and food products in the UK. **[25]**

Write the number of each question answered.

This image shows a blank sheet of handwriting practice paper. It features a vertical red line on the left side, followed by ten rows of horizontal dotted lines. These dotted lines provide a guide for letter height and placement. The rows are evenly spaced and extend across the width of the page.

This image shows a blank sheet of handwriting practice paper. It features a vertical solid black line on the left side, followed by a series of horizontal dotted lines that span across the width of the page. There are 22 sets of these dotted lines, providing ample space for practicing letter formation and alignment.

This image shows a blank sheet of handwriting practice paper. It features a vertical red line on the left side, followed by ten rows of horizontal dotted lines. These dotted lines provide a guide for letter height and placement. The rows are evenly spaced and extend across the width of the page.



The page features a large grid of horizontal dotted lines for handwriting practice. A vertical solid line on the left side creates a margin, and a vertical dotted line on the right side marks the end of the writing area. The grid consists of approximately 25 horizontal rows of dotted lines, providing a guide for letter height and placement.

This image shows a blank sheet of handwriting practice paper. It features a vertical red line on the left side, likely representing a margin or binding. To the right of this line are 22 rows of horizontal dotted lines, spaced evenly down the page. These dotted lines provide a guide for letter height and placement. The paper is otherwise empty, with no text or other markings.

This image shows a blank sheet of handwriting practice paper. It features a vertical red line on the left side, likely representing a margin or binding. To the right of this line are ten sets of horizontal dotted lines, each consisting of a top solid line, a middle dotted line, and a bottom solid line, intended for practicing letter formation.

**END OF QUESTION PAPER**



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