

**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.

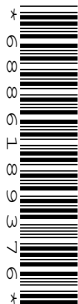
**OCR supplied materials:**

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.

2  
**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.

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..... [2]

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

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..... [2]

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

1 .....

2 .....

[2]

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

.....

..... [1]

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

1 .....

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2 .....

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[4]

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

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[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.

[illegible]















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