

OXFORD CAMBRIDGE AND RSA EXAMINATIONS
A2 GCE

G004/01

HOME ECONOMICS
Food, Nutrition and Health
Nutrition and Food Production

WEDNESDAY 18 JUNE 2014: Afternoon

DURATION: 1 hour 30 minutes
plus your additional time allowance

MODIFIED ENLARGED

Candidate forename		Candidate surname	
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Centre number						Candidate number				
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Candidates answer on the Question Paper.

OCR SUPPLIED MATERIALS:

None

OTHER MATERIALS REQUIRED:

None

READ INSTRUCTIONS OVERLEAF

INSTRUCTIONS TO CANDIDATES

Write your name, centre number and candidate number in the boxes on the first page. 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 question 1.

SECTION B 50 MARKS

Answer TWO questions only.

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.

Any blank pages are indicated.

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SECTION A

Answer ALL PARTS of question 1.

- 1 (a) (i) Identify TWO foods that are good sources of vitamin D.**

1 _____

2 _____ **[2]**

- (ii) Vitamin D helps the body to absorb which mineral?**

_____ **[1]**

- (iii) Identify and describe a deficiency disease linked to a lack of vitamin D.**

_____ **[2]**

- (iv) Identify ONE group of people who are at risk of not getting enough vitamin D.**

_____ **[1]**

- (b) (i) State ONE function of sodium in the body.**

_____ **[1]**

(ii) Identify ONE possible effect on the body of consuming too much salt.

_____ [1]

(iii) State TWO ways of reducing salt consumption.

1 _____

2 _____ [2]

(c) Describe TWO differences between saturated fats and unsaturated fats.

1 _____

2 _____

_____ [4]

(d) (i) What is food fortification?

_____ **[1]**

(ii) Describe THREE benefits to consumers of fortified foods.

1 _____

2 _____

3 _____

[6]

(e) Explain TWO behaviour changes which can occur during the kneading of bread dough.

1 _____

2 _____

[4]

SECTION B

Answer TWO questions ONLY.

The quality of written communication will be assessed in your answers to the questions in Section B.

- 2 Describe the different types of vegetarians and explain their different nutritional needs. [25]**
- 3 Discuss the concepts of a balanced diet and malnutrition in the United Kingdom. [25]**
- 4 Explain the importance of risk assessment to the food industry, including Hazard Analysis and Critical Control Point (HACCP). [25]**

Write the number of each question answered.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

END OF QUESTION PAPER



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