



Wednesday 18 June 2014 – Afternoon

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	
-----------------------	--	----------------------	--

Centre number						Candidate number				
---------------	--	--	--	--	--	------------------	--	--	--	--

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 question 1.
Section B 50 marks
 Answer **two** questions only.
- Do **not** write in the bar codes.

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 **16** pages. Any blank pages are indicated.

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]

(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]

A writing template consisting of a vertical solid line on the left side and a series of horizontal dotted lines extending across the page, providing a guide for handwriting practice.

A vertical solid line is positioned on the left side of the page. From this line, 25 horizontal dotted lines extend across the page, creating a series of rows for writing.

A series of horizontal dotted lines for writing, spanning the width of the page. A solid vertical line is positioned on the left side, approximately one-tenth of the way across the page, creating a margin.

A vertical solid line is positioned on the left side of the page. From this line, 25 horizontal dotted lines extend across the page, creating a series of rows for writing.

A series of horizontal dotted lines for writing, spanning the width of the page. A solid vertical line is positioned on the left side, approximately one-tenth of the way across the page, creating a margin.

A vertical solid line is positioned on the left side of the page. From this line, 25 horizontal dotted lines extend across the page, creating a series of rows for writing.

A series of horizontal dotted lines for writing, spanning the width of the page. A solid vertical line is positioned on the left side, approximately one-tenth of the way across the page, creating a margin.

A vertical solid line is positioned on the left side of the page. From this line, 25 horizontal dotted lines extend across the page, creating a series of rows for writing.

A series of horizontal dotted lines for writing, spanning the width of the page. A solid vertical line is positioned on the left side, approximately one-tenth of the way across the page, creating a margin.

A large area of the page is reserved for writing, featuring a solid vertical line on the left side and horizontal dotted lines extending across the page.

END OF QUESTION PAPER



Copyright Information

OCR is committed to seeking permission to reproduce all third-party content that it uses in its assessment materials. OCR has attempted to identify and contact all copyright holders whose work is used in this paper. To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced in the OCR Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download from our public website (www.ocr.org.uk) after the live examination series.

If OCR has unwittingly failed to correctly acknowledge or clear any third-party content in this assessment material, OCR will be happy to correct its mistake at the earliest possible opportunity.

For queries or further information please contact the Copyright Team, First Floor, 9 Hills Road, Cambridge CB2 1GE.

OCR is part of the Cambridge Assessment Group; Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.