

OCR

Oxford Cambridge and RSA

Tuesday 5 June 2018 – Morning**A2 GCE HOME ECONOMICS****Food, Nutrition and Health****G004/01** Nutrition and Food Production

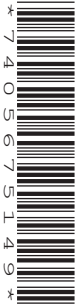
Candidates answer on the Question Paper.

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.

SECTION A

Answer **all** parts of question 1.

- 1 (a) (i) Identify **one** good source of dietary fibre in the diet.
..... [1]
- (ii) Describe **one** function of dietary fibre in the diet.
.....
.....
..... [2]
- (b) (i) Name the **two** types of vitamin A found in food.
1
2 [2]
- (ii) Describe **one** function of vitamin A in the body.
.....
.....
..... [2]
- (iii) Identify **one** symptom of a vitamin A deficiency in children.
..... [1]
- (c) Explain the relationship between vitamin C and iron in the diet.
.....
.....
..... [2]
- (d) During bread-making, behaviour changes take place between the ingredients.
(i) Describe **one** behaviour change which occurs during the kneading of bread dough.
.....
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..... [2]

(ii) Describe **one** behaviour change which occurs during the rising of bread dough.

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..... [2]

(iii) Describe **one** behaviour change which occurs during the baking of bread dough.

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..... [2]

(e) Discuss the value of nutritional labelling to the consumer.

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..... [6]

(f) (i) Explain the term malnutrition.

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.....
..... [2]

(ii) Name **one** disease that is linked to malnutrition in children.

..... [1]

4

SECTION B

Answer **two** questions only.

- 2 Discuss how the nutritional value, choice and use of meat can contribute to health. [25]
- 3 Discuss how a balanced diet can contribute to the health of the elderly. [25]
- 4 Discuss the costs involved from the design to the launch of a new food product. [25]

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A large writing area consisting of horizontal dotted lines. A vertical solid line is positioned on the left side, creating a margin. The lines are evenly spaced and extend across the width of the page.

A writing template consisting of a vertical solid line on the left side, creating a margin. To the right of this line, there are 25 horizontal dotted lines spaced evenly down the page, providing a guide for handwriting.

A large writing area consisting of horizontal dotted lines. A vertical solid line is positioned on the left side, creating a margin. The lines are evenly spaced and extend across the width of the page.

A blank sheet of lined paper. On the left side, there is a solid vertical line that serves as a margin. The rest of the page is filled with horizontal dotted lines, providing a guide for writing. The lines are evenly spaced and extend across the width of the page.

A large area of the page is filled with horizontal dotted lines, providing a template for writing. A solid vertical line runs down the left side of this area, approximately one-tenth of the way from the left edge.

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

END OF QUESTION PAPER



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