

Friday 13 January 2012 – Morning

**AS GCE HOME ECONOMICS
Food, Nutrition and Health**

G002/01 Resource Management

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 | | | | |
|---------------|--|--|--|--|--|------------------|--|--|--|--|

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**.
- You will be awarded marks for the quality of written communication in your answers to the questions in Section B.
- This document consists of **16** pages. Any blank pages are indicated.

Section A

Answer **all** questions.

1 The table below shows the time spent on main activities, by gender.

| Activity | Hours and minutes per day | |
|---------------------|---------------------------|---------------|
| | Males | Females |
| Sleep | 8 hrs 04 mins | 8 hrs 18 mins |
| Leisure | 5 hrs 25 mins | 4 hrs 53 mins |
| Employment | 3 hrs 45 mins | 2 hrs 26 mins |
| Housework | 1 hr 41 mins | 3 hrs |
| Childcare | 15 mins | 20 mins |
| Travel | 1 hr 32 mins | 1 hr 22 mins |
| Eating and drinking | 1 hr 25 mins | 1 hr 19 mins |
| Personal care | 40 mins | 48 mins |

Source: Office for National Statistics

Using the data above:

(a) (i) State how long males spend on travel.

..... [1]

(ii) State how long females spend on eating and drinking.

..... [1]

(iii) Which gender spends the most time on leisure?

..... [1]

(b) Describe **two** ways a home can be designed to save human energy.

1

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..... [4]

(c) Describe **two** ways in which supermarket layouts can secure customer loyalty.

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..... [4]

(d) Explain **three** ways that technological advances in supermarkets can benefit the consumer when shopping for food.

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..... [6]

(e) Describe **four** ways a low income household could effectively reduce their expenditure on food shopping.

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4

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..... [8]

Section A Total [25]

Section B

Answer **two** questions only.

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

- 2** (a) Describe how psychological and social factors can affect food choice. [10]
- (b) Explain how the choice of food available to eat outside the home is meeting the needs of different consumers. [15]
- 3** (a) Describe the incidence and patterns of food poisoning in the UK. [10]
- (b) Explain the conditions necessary for the growth of the bacteria responsible for food poisoning. [15]
- 4** (a) Describe the advantages **and** disadvantages of different types of cookers. [10]
- (b) Explain how food preparation and cooking equipment can be used effectively to provide meals in a single household. [15]

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A series of horizontal dotted lines spanning the width of the page, providing a guide for handwriting practice.

A series of 20 horizontal dotted lines, evenly spaced, occupying most of the page. These lines are intended for handwriting practice or for writing text.

A series of 28 horizontal dotted lines for writing.

A series of horizontal dotted lines spanning the width of the page, providing a template for handwriting practice.

A series of horizontal dotted lines for writing, filling the majority of the page.

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