



**ADVANCED SUBSIDIARY GCE**  
**HOME ECONOMICS**  
**Food, Nutrition and Health**  
 Resource Management

**G002**

Candidates answer on the Question Paper

**OCR Supplied Materials:**  
None

**Other Materials Required:**  
None

**Thursday 20 May 2010**  
**Afternoon**

**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 clearly in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure that you know what you have to do before starting your answer.
- 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.
- 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).

**INFORMATION FOR CANDIDATES**

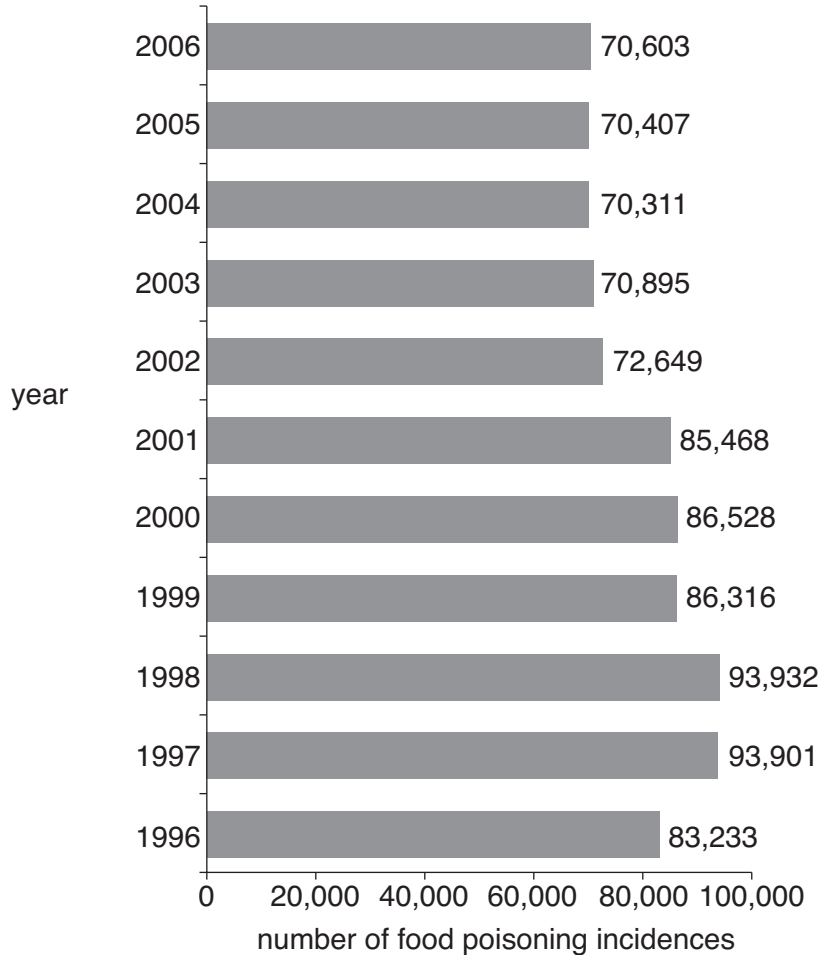
- The number of marks is given in brackets [ ] at the end of each question or part question.
- The total number of marks for this paper is **75**.
- You will be awarded marks for the quality of written communication in your answers to the questions in Section B.
- This document consists of **16** pages. Any blank pages are indicated.

**Section A**

Answer **all parts** of question 1.

1 The data below shows:

The annual totals of food poisoning outbreaks for England and Wales from 1996 to 2006.



Source: Statutory Notifications of Infectious Diseases, Health Protection Agency

**Using the data:**

(a) (i) State the total number of food poisoning outbreaks in the year 2000.

..... [1]

(ii) State the year that shows the highest level of food poisoning outbreaks.

..... [1]

(iii) State the overall trend in the number of food poisoning outbreaks between 1996 and 2006.

..... [1]

(b) Name **two** commonly found food poisoning bacteria.

1 .....

2 ..... [2]

(c) It is important that food handlers understand the environment in which bacteria grow to prevent food poisoning.

(i) Identify **three** conditions that bacteria require to grow.

1 .....

2 .....

3 ..... [3]

(ii) State the temperature range that is known as the danger zone.

..... [1]

(iii) Describe the changes in bacterial growth outside of the danger zone.

.....

.....

.....

.....

.....

..... [2]

(d) There are many factors that affect the incidence and patterns of food poisoning outbreaks.

Describe **three** factors that can account for the changes in reported food poisoning cases in the United Kingdom.

1 .....

.....

.....

2 .....

.....

.....

3 .....

.....

..... [6]



**Section B**

Answer **two** questions only.

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

- 2** The government issues recommendations on the types and amounts of food individuals should eat to help improve the health of the nation.
- (a) Describe how to implement current dietary guidelines when purchasing and preparing food. [10]
- (b) Explain how the choice and use of food preparation and cooking equipment can help provide healthy family meals. [15]
- 3** Food retailers use a wide variety of marketing strategies to build customer loyalty and generate sales and profits.
- (a) Explain the methods used to attract and secure customer loyalty. [10]
- (b) Describe the technological advances in the distribution and retailing of food that have benefited consumers. [15]
- 4** The relationship between time, money and energy is important when managing resources in the home.
- (a) Explain the factors that affect resource management. [10]
- (b) Describe how the resources of time, money and energy can be effectively managed in the home. [15]

**Section B Total [50]**



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A series of horizontal dotted lines spanning the width of the page, intended for writing.

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

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