

<b>Candidate Forename</b>		<b>Candidate Surname</b>	
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<b>Centre Number</b>						<b>Candidate Number</b>				
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**OXFORD CAMBRIDGE AND RSA EXAMINATIONS  
ADVANCED SUBSIDIARY GCE**

**G002**

**HOME ECONOMICS**

**Food, Nutrition and Health  
Resource Management**

**THURSDAY 20 MAY 2010: Afternoon**

**DURATION: 1 hour 30 minutes**

**SUITABLE FOR VISUALLY IMPAIRED CANDIDATES**

**Candidates answer on the Question Paper**

**OCR SUPPLIED MATERIALS:**

**None**

**OTHER MATERIALS REQUIRED:**

**None**

**READ INSTRUCTIONS OVERLEAF**

## **INSTRUCTIONS TO CANDIDATES**

- Write your name clearly in capital letters, your Centre Number and Candidate Number in the boxes on the first page.
- 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.

- 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.

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## SECTION A

Answer ALL PARTS of question 1.

1 The data opposite shows:

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

### 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]

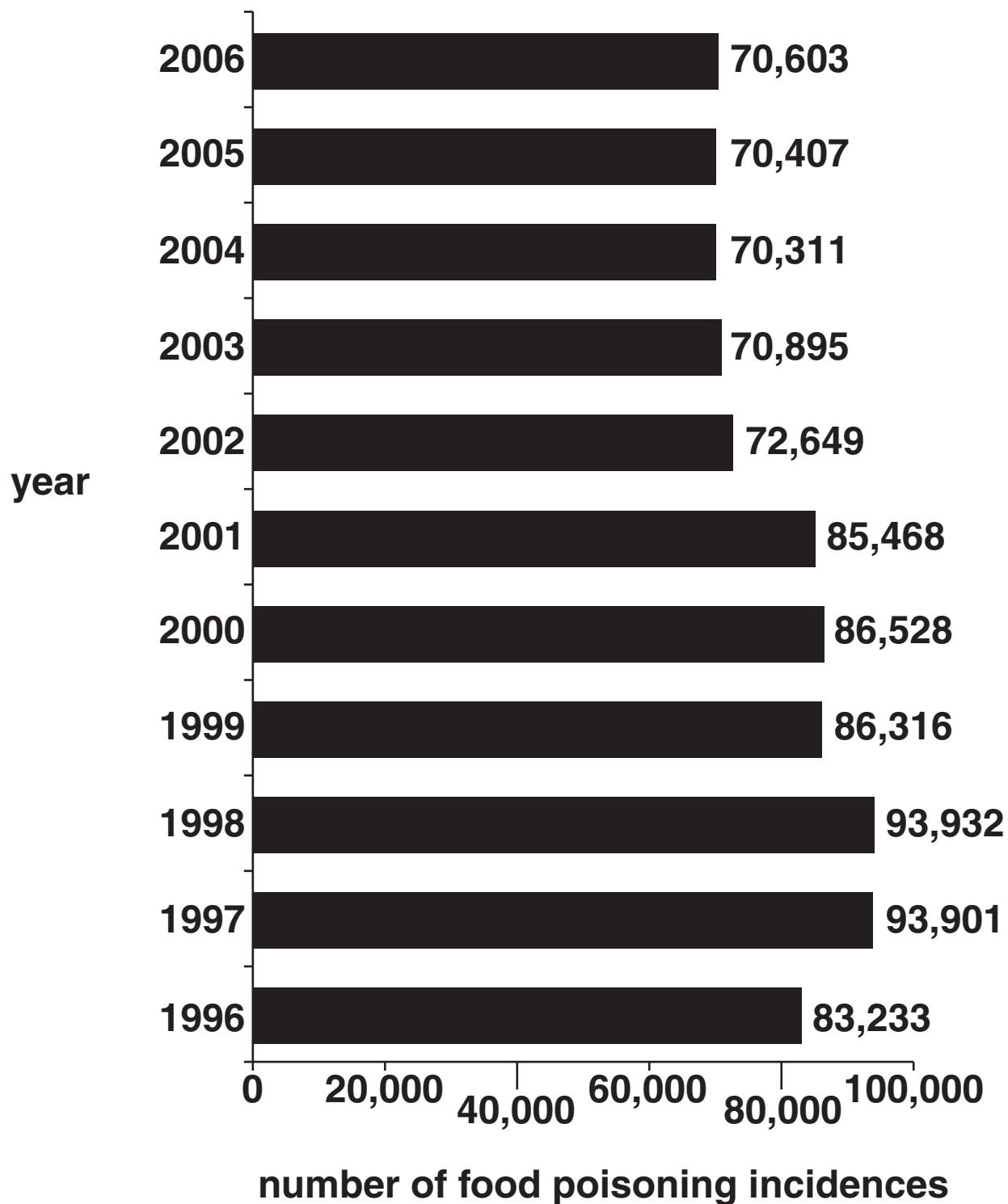
(iii) State the overall trend in the number of food poisoning outbreaks between 1996 and 2006.

\_\_\_\_\_ [1]

(b) Name TWO commonly found food poisoning bacteria.

1 \_\_\_\_\_

2 \_\_\_\_\_ [2]



**Source: Statutory Notifications of Infectious Diseases,  
Health Protection Agency**

**(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]**





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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 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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