



STUDENT NUMBER

CENTRE NUMBER

HIGHER SCHOOL CERTIFICATE EXAMINATION

1996

# INDUSTRY STUDIES

2 UNIT

HOSPITALITY STRAND

SECTION II

*(30 Marks)*

*Total time allowed for Sections I and II—One hour and a half  
(Plus 5 minutes' reading time)*

**DIRECTIONS TO CANDIDATES**

- Write your Student Number and Centre Number at the top right-hand corner of this page.
- Attempt ALL questions.
- Answer the questions in the spaces provided in this paper.

**QUESTION 1.** (7 marks)

- (a) Describe the health implications of a diet high in fat.

[illegible]

- (b) Explain how fat intake can be regulated to provide a nutritionally balanced diet.

[illegible]

**QUESTION 2.** (11 marks)

Answer parts (a) and (b) by completing the table below.

- (a) Name each of the FIVE storage and handling/cooking zones. Use the temperature scale as a guide.
- (b) Describe the relationship between the rate of micro-organism growth and each of the FIVE storage and handling/cooking zones.

Temperature (Celsius)	(a) <i>Storage and handling/cooking zone</i>	(b) <i>Description of micro-organism growth</i>
100°	1.	..... ..... ..... .....
72°	2.	..... ..... ..... .....
60°	3.	..... ..... ..... .....
40°	4.	..... ..... ..... .....
0°	5.	..... ..... ..... .....
-18°		

**Question 2 continues on page 4**

[illegible]

**QUESTION 3.** (12 marks)

Lee is an 18-year-old apprentice chef who works long hours and often feels tired. Lee does not eat breakfast, usually has a takeaway hamburger and soft drink for lunch, and for dinner prepares a simple meal of canned soup and toast.

- (a) Explain how Lee's current diet could be contributing to a lack of energy.

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- (b) Plan a nutritionally balanced diet for Lee that will help maintain adequate energy levels throughout the day. Justify your dietary plan.

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QUESTION 3. (Continued)

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