



Coimisiún na Scrúduithe Stáit
State Examinations Commission

Leaving Certificate Examination 2025
Home Economics - Scientific and Social
Section A and Answerbook
Higher Level

Wednesday 4 June Afternoon 2:00 - 4:30
280 or 320 marks

Examination Number

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Date of Birth

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For example, 3rd February
2005 is entered as 03 02 05

Centre Stamp

Instructions

Write your Examination Number and your Date of Birth in the boxes on the front cover.

Write your answers to all parts of the examination into this answerbook. This answerbook will be scanned and your work will be presented to an examiner on screen. Anything that you write outside of the answer areas may not be seen by the examiner.

Write your answers in blue or black pen. You may use pencil for sketches, graphs and diagrams only.

There are three sections in this examination. Questions for **Sections B and C** are supplied separately but your answers must be written in this answerbook.

Section A 60 marks
Answer any **ten** questions in this section.
Each question carries 6 marks.

Section B 180 marks
Answer **Question 1** and any other **two** questions from this section.
Question 1 is worth 80 marks.
Questions 2, 3, 4 and 5 are worth 50 marks each.

Section C 40 or 80 marks
Answer **one** elective question **or** Question 4 (core) to include **part (a)** and either **part (b) or part (c)**.

If you submitted *Textiles, Fashion and Design* coursework for examination, you may only attempt Question 2 from this section.

Electives 1 and 3 are worth 80 marks each.

Elective 2 is worth 40 marks.

Question 4 (core) is worth 80 marks.

Section A**60 marks**

Answer any **ten** questions from this section.

Each question carries 6 marks.

Write your answers in the spaces provided.

1. Describe **two** biological functions of carbohydrates.

(i)
(ii)

2. Complete the table below in relation to the digestion of protein.

Organ	Enzyme	Substrate	Product/Result
Pancreas			

3. State **two** biological functions of sodium.

(i)
(ii)

Identify **two** dietary sources of sodium.

(i)
(ii)

4. Each of the following deficiency diseases may result from a lack of a vitamin in the diet. Name **one** deficient vitamin in each case.

Deficiency disease	Name of Vitamin
Night blindness	
Rickets	
Beri-beri	

5. Discuss **three** specific meal planning guidelines that should be followed by a person with coeliac disease.

(i)
(ii)
(iii)

6. Fish can be cold smoked or hot smoked. Outline how each method of smoking fish is carried out.

Cold smoking
Hot smoking

7. Explain the following terms in relation to food processing.

Added value foods
Functional foods

8. Name and describe **one** method of heat transfer.

Give an example of a cooking method that shows this method of heat transfer.

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9. In relation to food additives, name **two** physical conditioning agents and give the function of each physical conditioning agent named.

Physical Conditioning Agent	Function
(i)	
(ii)	

10. Name and describe **one** type of life assurance.

11. In relation to household budgeting, differentiate between essential expenditure and discretionary expenditure. Give **one** example of each type of expenditure.

Essential expenditure
Example
Discretionary expenditure
Example

12. Describe **each** of the following types of consumer research.

Desk research
Field research

- 13.** Describe how **two** different supermarket merchandising techniques influence the buying behaviour of consumers.

(i)
(ii)

- 14.** Discuss how a consumer is protected by the Consumer Credit Act 1995.

(i)
(ii)

Answerbook for Sections B and C

Instructions

Questions for **Sections B** and **C** are supplied separately.

Start each question on a new page. Write the question number in the box at the top of each page. Use the left-hand column to label each part, as shown below.

Question		0 4	Start each question on a new page
Part			
(a)			
(b)(i)			
(b)(ii)			

You do not need to use all of the pages in this answerbook. If you run out of space in this answerbook, you may ask the superintendent for more paper.

Write your answers in blue or black pen. You may use pencil for sketches, graphs and diagrams only.

Part

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Part

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Part

Part

A diagram showing a rectangle divided into two equal squares by a vertical line. The rectangle is labeled with 'a' on the top and bottom edges and 'b' on the left and right edges.

Part

Part

Part

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