



Coimisiún na Scrúduithe Stáit
State Examinations Commission

Leaving Certificate Examination 2024
Home Economics - Scientific and Social
Section A and Answerbook
Higher Level

Wednesday 5 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. In relation to protein, explain deamination.

2. State **two** biological functions of Vitamin A.

(i)
(ii)

Identify **two** dietary sources of Vitamin A.

(i)
(ii)

3. Describe the following forms of iron and give **one** food source of each.

Form of iron	Description	Food source
Haem iron		
Non-haem iron		

4. Outline **two** meal planning guidelines that should be considered when planning meals for a person with osteoporosis.

(i)
(ii)

5. Complete the table below in relation to alternative (novel) protein foods.

	Source	Product
Plant		
Micro-organisms		

6. Explain the role of **each** of the following in the production of cheese.

Lactic acid bacteria
Rennet

7. Identify **two** contaminants that can enter the food chain. State **one** possible source and **one** possible effect on the body of each contaminant named.

Contaminant	Source	Effect on the body
(i)		
(ii)		

8. Differentiate between **each** of the following types of food poisoning:

Infectious food poisoning
Toxic food poisoning

9. Explain **two** underlying principles of jam making.

(i)
(ii)

10. Explain the following social welfare payments and give **one** example of each.

Social insurance payments
Social assistance payments

11. Identify **one** voluntary consumer protection agency.

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Outline the role of the voluntary consumer protection agency named.

12. Outline the function of **each** of the following parts of a refrigerator:

the condenser
the evaporator

13. Outline **two** features of the current Irish National Housing Policy (Housing for All).

(i)
(ii)

14. Describe **two** different ways that consumers can be more environmentally conscious when choosing electrical goods.

(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

[illegible]

A diagram showing a rectangle divided into two equal squares by a vertical line. The rectangle is labeled 'rectangle' and the two squares are labeled 'square'.

Part

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