



Coimisiún na Scrúduithe Stáit
State Examinations Commission

Leaving Certificate Examination 2022
Home Economics – Scientific and Social
Section A and Answerbook
Higher Level

Wednesday 8 June Afternoon 2:00 - 4:30
200 or 240 marks

Examination Number

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Day and Month of Birth

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For example, 3rd February
is entered as 0302

Centre Stamp

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Instructions

Write your Examination Number and your Day and Month 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 to this examination. Questions for **Sections B and C** are supplied separately but your answers must be written in this answerbook.

Section A 30 marks
Answer any **five** questions in this section.
Each question carries 6 marks.

Section B 130 marks
Answer **Question 1** and **one** question from questions 2, 3, 4 and 5.
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**30 marks**

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

Each question carries 6 marks.

Write your answers in the spaces provided.

1. State **two** functions of calcium in the body.

(i)
(ii)

Identify **one** factor that affects calcium absorption.

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

Secretion	Enzyme	Substrate	Product
Pancreatic juice			

3. In relation to proteins, explain foam formation.

Give **one** culinary example of foam formation.

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4. Describe how the chemical structure of cis fatty acids and trans fatty acids differ.

5. Outline **three** guidelines to follow to achieve a light pastry.

(i)
(ii)
(iii)

6. In relation to freezing, describe quick-freezing.

Give **one** advantage of quick-freezing.

7. State a different benefit of each of the following types of food packaging:

Food packaging	Benefit
Polystyrene	
Glass bottle	
Waxed carton	

8. Identify **one** moist method of cooking suitable for fish.

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Describe the underlying principle of the cooking method named.

9. Outline the function of each of the following in relation to food additives:

Anti-caking agent
Emulsifier

10. In relation to an individual's income, explain each of the following:

Pay Related Social Insurance (PRSI)
Universal Social Charge (USC)

11. Name **one** statutory consumer protection agency.

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Outline the role of the statutory agency named.

12. Name **two** types of life assurance.

(i)
(ii)

Identify **one** difference between the two types of life assurance named.

13. State **two** pieces of information that should be found on a permanent label under the Fire Safety (Domestic Furniture) Order (1988, 1995).

(i)
(ii)

14. What information does each of the following symbols convey to the consumer?



Green dot
(www.wikimedia.org)



Eco label
(www.therecyclers.com)

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		04	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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