



Coimisiún na Scrúduithe Stáit
State Examinations Commission

Leaving Certificate Examination 2023
Home Economics - Scientific and Social
Section A and Answerbook
Higher Level

Wednesday 7 June Afternoon 2:00 - 4:30
280 or 320 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

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 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 (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.

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

Each question carries 6 marks.

Write your answers in the spaces provided.

1. State **two** biological functions of lipids.

(i)
(ii)

2. Explain the term gelatinisation and include **one** culinary example in your answer.

3. Name **two** food poisoning bacteria and give an example of a different high-risk food associated with each.

Name of food poisoning bacteria	high-risk food

4. Explain the term Basal Metabolic Rate (BMR).

Give **two** factors that affect a person's basal metabolic rate.

(i)
(ii)

5. Describe a roux-based sauce and give **one** culinary example.

6. Outline **two** benefits of including high fibre foods in the diet of adults.

(i)
(ii)

7. Describe **two** chemical changes that occur when food is cooked.

(i)
(ii)

8. Name **one** sensory analysis test used to determine a preferred product from two or more samples.

Describe **two** different uses of sensory analysis in the food industry.

(i)
(ii)

9. Outline the role of public analyst laboratories in relation to food safety.

10. Describe the Working Family Payment (WFP) (formerly Family Income Supplement) as a social welfare payment.

11. Outline **two** measures consumers can implement in their daily lives to prevent/reduce air pollution.

Measures to prevent/reduce air pollution	
(i)	
(ii)	

12. Explain the following types of mortgage interest rates.

Fixed rate
Variable rate

13. Describe the importance of each of the following when selecting a savings scheme.

Interest payable
Access to funds

14. Explain how the Consumer Credit Act, 1995 benefits the consumer.

(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	<table border="1"><tr><td>0</td><td>4</td></tr></table>	0	4	Start each question on a new page
0	4				
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.

Do not write on this page

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