



Coimisiún na Scrúduithe Stáit
State Examinations Commission

Leaving Certificate Examination 2024
Home Economics - Scientific and Social
Section A and Answerbook
Ordinary 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 to 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. Indicate with a tick (✓) whether **each** of the following statements is true or false.

	True	False
Meat contains fibres and connective tissue		
1 g of protein provides 4 kilocalories of energy to the body		
Eggs are a low biological value food		

2. State **two** functions of Vitamin C in the body.

(i)
(ii)

Name **one** dietary source of Vitamin C.

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3. Using the terms listed below, complete the following statements in relation to energy.

empty kilocalories

energy balance

obesity

Over indulgence in sugar-based foods can cause _____.

_____ are calories that have little nutritional value.

Energy input equals energy output is known as _____.

4. Outline **two** factors that affect the tenderness of meat.

(i)
(ii)

List **two** ways of tenderising meat.

(i)
(ii)

5. Indicate with a tick (✓) whether **each** of the following statements is true or false.

	True	False
The bran layer of cereals is high in fibre		
Heat causes starch grains to swell and burst		
A roux sauce contains different amounts of fat and flour		

6. Outline **three** lifestyle changes recommended for an obese person trying to lose weight.

(i)
(ii)
(iii)

7. Name **two** types of pastry and name a different dish that can be made from each type.

Type of pastry	Dish

8. Outline **three** guidelines to follow when freezing fresh food.

(i)
(ii)
(iii)

9. Match the following methods of heat transfer with the correct definition.

Conduction	Convection	Radiation
Definition	Method of heat transfer	
Heat travels in straight lines and heats/cooks the first solid object it touches		
Heat travels through a liquid or gas, causing it to rise, cold liquid or gas moves in to take its place		
Heat travels through the molecules of a solid object until it is fully heated		

10. Outline **three** consumer rights when buying goods.

(i)
(ii)
(iii)

11. State **three** advantages of teenagers becoming regular savers.

(i)
(ii)
(iii)

12. Explain how the following criteria influence the consumer when selecting textiles for the household.

Suitability for purpose
Personal choice
Cost

13. In relation to insurance, state **two** benefits of life assurance.

(i)
(ii)

14. Describe three guidelines to follow when using a microwave oven.

(i)
(ii)
(iii)

Answerbook for Sections B and C

Instructions

Questions for **Sections B** and **Section 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.

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Part

[illegible]

Part

[illegible]

Part

[illegible]

Part

[illegible]

Part

[illegible]

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Part

[illegible]

Part

[illegible]

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

[illegible]

Part

[illegible]

Part

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Part

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Part

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Part

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Part

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Section A and Answerbook**

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