

Comisiún na Scrúduithe Stáit

State Examinations Commission

Leaving Certificate Examination 2021

Home Economics – Scientific and Social

Section A and Answerbook

Ordinary Level

Wednesday 9 June - Afternoon 2:00 – 4:30

200 or 240 marks

Examination Number

Day and Month of Birth

For example, 3rd February is entered as 0302

Centre Stamp

The 2021 examination papers were adjusted to compensate for disruptions to learning due to COVID-19. This examination paper does not necessarily reflect the same structure and format as the examination papers of past or subsequent years.

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.

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

	True	False
Meat contains high biological value protein		
Proteins are large molecules made up of smaller units called amino acids		
Sugar is a source of protein		

2. Using the words listed below, complete the following statements in relation to minerals.

calcium ***osteoporosis*** ***iron***

A deficiency of calcium in the diet can cause _____.

Vitamin C assists in _____ absorption.

Cheese is a good dietary source of _____.

3. Outline **one** cause of toughness in meat.

Name **two** methods of tenderising meat.

(i)

(ii)

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

	True	False
Peas, beans and lentils are pulse vegetables		
Fruit and vegetables do not contain fibre		
Vegetables have a high water content		

5. Outline **three** healthy eating guidelines for children.

(i)
(ii)
(iii)

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

	True	False
Food is processed to extend its shelf life		
An example of cross contamination is the transfer of bacteria from raw to cooked food		
Cooking food at 50°C kills all bacteria		

7. Listed below are **three** types of flour. Give **one** different culinary use of each.

Type of flour	Culinary use
Self-raising flour	
Wholemeal flour	
Plain white flour (cream)	

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

	True	False
Periodontal/gum disease affects the tissues surrounding the teeth		
A lacto-vegetarian does not eat dairy produce		
A high fibre diet reduces the risk of bowel disease		

9. Match the method of food preservation with the correct definition.

Heat treatment ***Dehydration*** ***Freezing***

Definition	Method of food preservation
Boiling fruit, vegetables or a mixture of both with sugar, vinegar and spices	
Using very low temperatures which are unsuitable for enzyme activity and microbial growth	
Preserves food by removing moisture	

10. Give **two** advantages of private health insurance.

(i)
(ii)

Suggest **one** method of payment that could be used to purchase private health insurance.

11. Outline **two** factors that should be considered when choosing electrical appliances.

(i)
(ii)

How can electrical appliances be disposed of to avoid damage to the environment?

12. Outline **three** different uses of textiles in the home.

(i)
(ii)
(iii)

13. In relation to household expenditure, explain **each** of the following:

Essential expenditure
Discretionary expenditure

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



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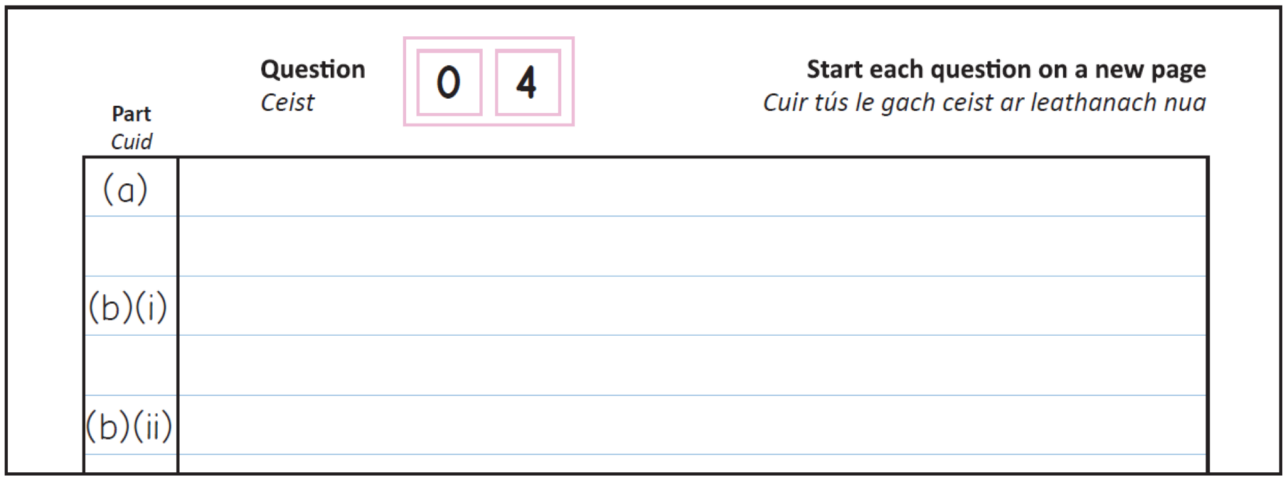
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Answerbook for Sections B and C

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.



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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For examiner use only	
1. Total of end of page totals	
2. Aggregate total of all disallowed questions(s)	
3. Total mark awarded (1 minus 2)	

Question	Marks Examiner	Adv Examiner
Total		
Grand Total		

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