



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.

--

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.

Part

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Part

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Leaving Certificate – Ordinary Level

**Home Economics - Scientific and Social
Section A and Answerbook**

Wednesday 5 June

Afternoon 2:00 - 4:30



Coimisiún na Scrúduithe Stáit State Examinations Commission

LEAVING CERTIFICATE EXAMINATION 2024

Home Economics – Scientific and Social

ORDINARY LEVEL

Section B and Section C

WEDNESDAY 5 JUNE AFTERNOON 2:00 – 4:30

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.

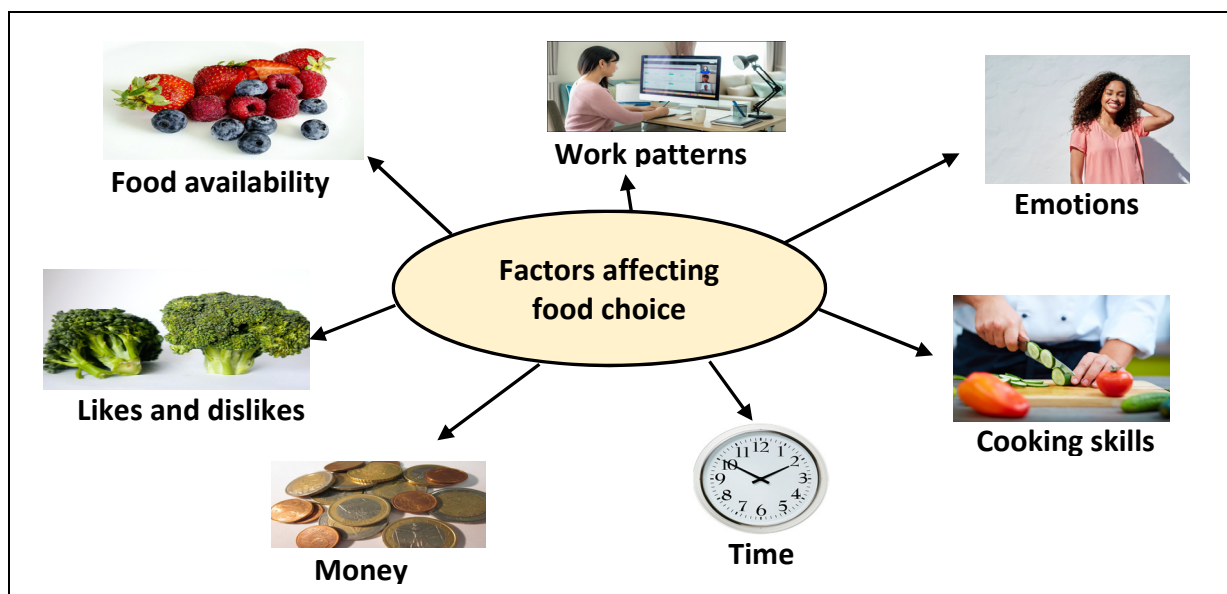
Question 4 (core) is worth 80 marks.

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State Examinations Commission.

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.
Write your answers in the answerbook containing **Section A**.

Question 1

‘All around the world, people choose to eat different food for many different reasons.’
(www.foodfactoflife.org.uk)



- (a) Using the information presented in the table, discuss **five** factors that affect a person's food choices. (20 marks)
- (b) Give an account of carbohydrates under **each** of the following headings:
- classification
 - functions in the body
 - dietary sources. (28 marks)
- (c) Outline **three** different ways a person can increase the amount of fibre in their diet. (12 marks)
- (d) Describe **four** ways consumers can reduce food waste when planning meals and purchasing foods. (20 marks)

Question 2

'Approximately 8% of Irish people are following a vegetarian based diet.' (*Bord Bia, 2021*)

- (a) Give an account of **(i)** the nutritive value **and** **(ii)** dietetic value of fruit and vegetables. (20 marks)
- (b) Having regard to current healthy eating guidelines, set out a menu (3 meals) for one day for a vegetarian to ensure their nutritional needs are met. (18 marks)
- (c) Describe **three** guidelines to follow when storing fruit and vegetables in order to maintain their quality. (12 marks)

Question 3

Ireland's food industry is globally recognised for producing high quality processed foods.

- (a) Describe **four** food additives used in the manufacture of processed foods. (20 marks)
- (b) Identify **three** major sectors of the Irish food industry **and** give **one** example of a food product produced in **each** sector named. (15 marks)
- (c) Evaluate the role of packaging in relation to **each** of the following:
 - suitability for purpose
 - environmental impact
 - as a source of consumer information. (15 marks)

Question 4

'From time to time problems will arise with goods and services.'

(www.ccpc.ie)

- (a) Describe **four** factors that influence consumers when selecting goods and services. (20 marks)
- (b) Give an account of the Small Claims Court procedure used to resolve a consumer dispute over goods or services. (20 marks)
- (c) Explain how the Sale of Goods and Supply Services Act 1980, protects the consumer. (10 marks)

Question 5

'Caring for our family members has always been a fundamental part of ethical living.'

(www.familycarers.ie)

- (a) Describe each of the following functions of the family:
- physical
 - emotional
 - social
 - economic. (20 marks)
- (b) Explain how the state assists the family in carrying out their physical, social and economic functions. (15 marks)
- (c) Discuss **three** advantages of a positive parent-child relationship within the family. (15 marks)

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.

Write your answer in the answerbook containing **Section A**.

Elective 1 – Home Design and Management – 80 marks

Candidates selecting this elective must answer **1(a)** and either **1(b) or 1(c)**.

1.(a) ‘The quality of drinking water is a powerful environmental determinant of health.’

(www.hse.ie)

- (i) Describe **four** stages involved in the treatment of the public water supply to make it safe for people to drink. (20 marks)
- (ii) Explain what precautions should be taken to prevent the cold-water supply freezing in the home during cold weather. (15 marks)
- (iii) Describe the function of the following in relation to the cold-water supply of a house:
 - service pipe
 - ball valve
 - storage tank. (15 marks)

and

1.(b) ‘Over the past ten years the way we design our homes has changed a lot.’ (www.houzz.ie)

- (i) Describe the procedure to follow when applying for full planning permission to build a house. (15 marks)
- (ii) Discuss the role of the following professional services when designing and building a house:
 - architect
 - engineer
 - solicitor. (15 marks)

or

1.(c) All homes in Ireland should have good ventilation.

- (i) Discuss **three** advantages of having good ventilation in the home. (15 marks)
- (ii) Name **one** method of ventilation suitable for a kitchen **and** explain the underlying principle of the method named. (15 marks)

Elective 2 – Textiles, Fashion and Design – 40 marks

Candidates selecting this elective must answer **2(a)** and either **2(b)** or **2(c)**.

2.(a) Sportswear needs to be practical but can also be stylish.



(www.pinterest.com)

(i) Comment on the suitability of the sportswear outfits shown above.

Refer to:

- comfort
- function
- aesthetic appeal.

(18 marks)

(ii) Describe how emphasis as a design principle is applied to the outfits pictured above.

(7 marks)

and

2.(b) 'Textiles have such an important bearing on our daily lives.' (www.coats.com)

Write a profile of a natural fibre under **each** of the following headings:

- fibre production
- properties
- test to identify a natural fibre.

(15 marks)

or

2.(c) 'Fashion has two purposes comfort and love.' (Coco Chanel)

(i) Describe **two** fashion trends currently popular in summer clothing. (6 marks)

(ii) Discuss **three** factors that influence a person's choice when choosing work wear clothing. (9 marks)

Elective 3 – Social Studies – 80 marks

Candidates selecting this elective must answer **3(a)** and either **3(b)** or **3(c)**.

3.(a) ‘Of women over 15 years of age in Ireland, more than 50% of them are in the workforce.’
(www.cso.ie)

(i) Explain the following types of work:

- paid work
- unpaid work
- voluntary work.

(15 marks)

(ii) Discuss **three** reasons for the increased participation of women in the work force.

(15 marks)

(iii) Evaluate the impact of dual-earner families on family life.

(20 marks)

and

3.(b) Leisure time is time that a person is free from work or other duties.

(i) Discuss how family leisure activities are influenced by each of the following:

- gender
- age
- cultural influences.

(15 marks)

(ii) Evaluate the benefits of participating in leisure activities for family members.

(15 marks)

or

3.(c) Social and economic changes have impacted on family life in Ireland today.

(i) Evaluate the impact of the following on family life:

- improvements in the provision of education
- parenting roles within the family
- improved conditions at work.

(15 marks)

(ii) Describe how second-level education prepares students for participation in the workplace.

(15 marks)

Question 4 – Core – 80 marks

Candidates selecting this question must answer **4(a)** and either **4(b)** or **4(c)**.

4.(a) ‘Your body needs lots of different nutrients to stay healthy.’ (www.safefood.net)

(i) Give an account of (i) the nutritive value **and** (ii) the dietetic value of milk. (20 marks)

(ii) Describe **one** heat treatment used by manufacturers to extend the shelf life of milk.

Refer to:

- name of process
- how the process is carried out
- labelling.

(18 marks)

(iii) Outline **three** different ways that dairy foods can be included as part of a healthy diet. (12 marks)

and

4.(b) ‘Choosing an electrical appliance, less is usually best.’ (www.electricireland.com)

(i) Discuss **three** factors that should be considered when choosing a kitchen appliance. (15 marks)

(ii) Describe **three** guidelines to follow for the safe use of electrical kitchen appliances. (15 marks)

or

4.(c) ‘There was a total of 23,173 marriages celebrated in Ireland in 2022.’ (www.cso.ie)

(i) Outline the conditions necessary for a marriage to be legally valid in Ireland. (15 marks)

(ii) Discuss **three** responsibilities of a couple within a marriage relationship. (15 marks)

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