



Coimisiún na Scrúduithe Stáit
State Examinations Commission

Leaving Certificate Examination 2020
Home Economics – Scientific and Social
Section A and Answerbook

Ordinary Level

2 hours 30 minutes

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 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 **ten** questions in this section.
Each question carries 6 marks.

Section B 180 marks
Answer **Question 1** and any other **two** questions.
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, 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.

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
Carbohydrates are a source of heat and energy		
Carbohydrates contain the element nitrogen		
Excess carbohydrates are converted to fat in the body		

2. Explain the following properties of lipids (fats):

(i) Smoke point
(ii) Flash point

3. Using the words listed below, complete the following statements in relation to milk processing.

spray drying pasteurised homogenisation

Milk is _____ to make it safe for human consumption.

The process that breaks down fat globules in milk is called _____.

_____ is used to change liquid milk into milk powder.

4. Name **two** culinary uses of eggs and suggest a food/dish that demonstrates **each** culinary use.

Culinary use of eggs	Food/dish

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

	True	False
A roux based sauce is made of equal quantities of fat and flour		
Sauces improve the nutritive value of a dish		
Sauces should only be served hot		

6. Explain the term '*food additive*'.

Name **two** food additives used in processed foods.

(i)
(ii)

7. State the effect on the body of **each** of the following:

	Effect on the body
High saturated fat diet	
Low dietary fibre diet	
Low calcium intake	

8. Name **two** foods exported from Ireland.

(i)
(ii)

List **two** career opportunities in the food industry.

(i)
(ii)

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

	True	False
Universal Social Charge (USC) is a voluntary deduction from wages or salaries		
Utility bills are an example of essential expenditure		
Child benefit is a universal social welfare payment		

10. State **two** advantages of online shopping.

(i)
(ii)

Name **one** method of paying for goods online.

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11. Outline **three** factors that influence a family's choice of housing.

(i)
(ii)
(iii)

12. Explain **each** of the textile care symbols below.





(www.goodhousekeeping.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.

Part <i>Cuid</i>	Question <i>Ceist</i>	
		0 4
(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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Leaving Certificate – Ordinary Level

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

2 hours 30 minutes



Coimisiún na Scrúduithe Stáit State Examinations Commission

LEAVING CERTIFICATE EXAMINATION 2020

Home Economics – Scientific and Social

ORDINARY LEVEL

Section B and Section C

2 hours 30 minutes

Section B

180 marks

Answer **Question 1** and any other **two** questions.

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, 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.

Do not hand this up

Section B

180 marks

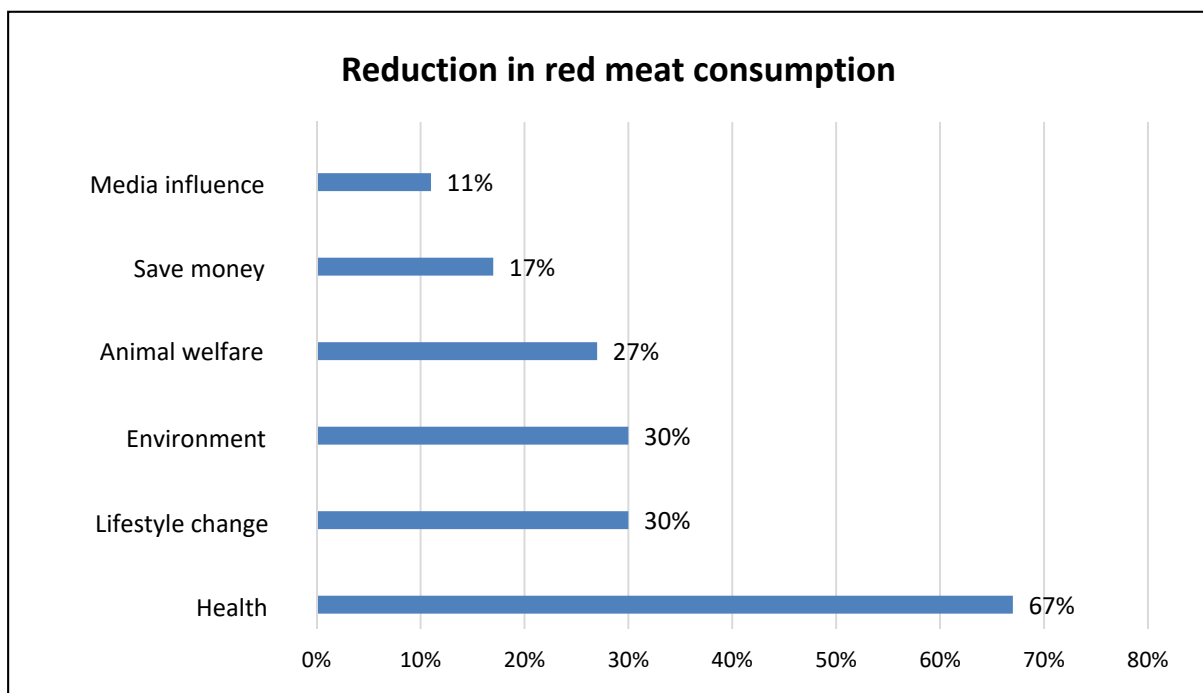
Answer **Question 1** and any other **two questions** from this section.
Question 1 is worth 80 marks. Questions 2, 3, 4, and 5 are worth 50 marks each.
Write your answer in the answerbook containing **Section A**.

Question 1

'1 in 3 people claim to have reduced the intake of red meat in their diet.'

(*Dietary Lifestyles Report | Thinking House, Bord Bia*)

The table below shows the reasons why people are reducing their intake of red meat.



- (a) (i) Using the information provided in the table, comment on **four** of the reasons why people are choosing to reduce their intake of red meat. (24 marks)
- (ii) Name a protein food that could be used instead of red meat. (6 marks)
- (b) Give an account of iron under **each** of the following headings:
- functions in the body
 - dietary sources
 - effect of deficiency. (24 marks)
- (c) State **two** ways of increasing iron in the diet. (6 marks)
- (d) Discuss **four** factors consumers should consider when selecting **and** buying meat and meat products. (20 marks)

Question 2

‘Cardiovascular disease including coronary heart disease is the most common cause of death in Ireland, accounting for 36% of all deaths.’ (www.hse.ie)

- (a) (i) Explain *coronary heart disease* (CHD).
(ii) Outline **three** factors that increase a person’s risk of developing coronary heart disease. (16 marks)
- (b) State **four** healthy eating guidelines that should be followed to reduce the risk of coronary heart disease. (16 marks)
- (c) Having regard to current healthy eating guidelines, set out a menu (3 meals) for one day for a person with coronary heart disease. (18 marks)

Question 3

‘Fish has long been recognised as one of nature’s healthiest foods.’ (www.bordbia.ie)

- (a) Give an account of (i) the nutritive value **and** (ii) the dietetic value of fish. (20 marks)
- (b) Discuss the advantages **and** the disadvantages of including processed fish in the diet. (16 marks)
- (c) Name **two** food packaging materials.
Outline the impact of **each** packaging material on the environment. (14 marks)

Question 4

Microwave ovens are popular kitchen appliances.

- (a) Discuss **four** factors that should be considered when selecting kitchen appliances. (16 marks)
- (b) Outline **three** consumer responsibilities. (12 marks)
- (c) Set out the results of a study you have carried out on a microwave oven.
Refer to:
- guidelines for use
 - modern features
 - care and cleaning.
- (22 marks)

Question 5

'In Ireland there were 21,053 marriages in 2018 including 664 same-sex marriages.' (www.cso.ie)

- (a) (i) Define '*marriage*'.
- (ii) Outline **four** conditions necessary for a marriage to be legally valid in Ireland. (25 marks)
- (b) Discuss **three** benefits to a couple of attending a pre-marriage course. (15 marks)
- (c) Explain **each** of the following options available to couples who are experiencing difficulties in their marriage:
- marriage counselling
 - legal separation.
- (10 marks)

Section C

40 or 80 marks

Answer **one elective question** from this section.

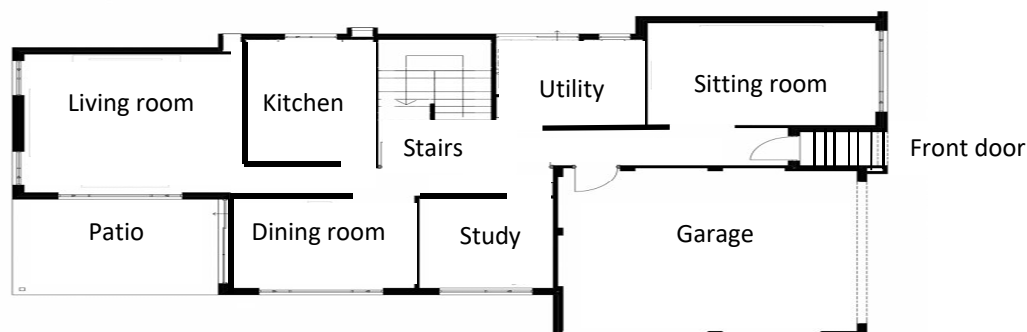
If you submitted *Textiles, Fashion and Design* coursework for examination,
you may only attempt Question 2 from this section.

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) Shown below is the ground floor plan of a house.



- (i) Evaluate the suitability of the floor plan layout for the daily living requirements of a family. (20 marks)
- (ii) Give details of **two** modifications that could be made to the floor plan layout to suit the requirements of people with disabilities. (10 marks)
- (iii) Name **and** describe **two** professional services available to people when designing and building a home. (10 marks)
- (iv) Identify **and** comment on **two** trends currently popular in interior design. (10 marks)

and

1.(b) Good ventilation is very important to home comfort.

- (i) Outline the importance of good ventilation in the home. (12 marks)
- (ii) Name **two** methods of ventilation suitable for a bathroom.
Explain the underlying principle of **each** method of ventilation named. (18 marks)

or

1.(c) There is a whole world of wall finishes to explore.

- (i) Discuss **four** factors to consider when selecting wall finishes for a home. (16 marks)
- (ii) Name **one** wall finish suitable for a kitchen.
State **one** advantage **and** **one** disadvantage of the wall finish named. (14 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) Children’s clothing has become as fashionable as adult clothing in recent years.



(www.dunnesstores.com)

(i) Comment on the suitability of the children’s clothing shown above.

Refer to:

- function
- comfort
- aesthetic appeal.

(18 marks)

(ii) Name **one** fabric suitable for a child’s trousers/pants **and** give a reason for your choice.

(7 marks)

and

2.(b) Bloggers, influencers and *YouTube* sensations are some of the modern world’s trendsetters.

(i) Explain how trendsetters influence the choice of clothing worn by young adults.

(9 marks)

(ii) Name **and** describe **one** method of colour application suitable for natural fabrics.

(6 marks)

or

2.(c) The Irish fashion industry is hugely exciting with lots of emerging talent.

(i) Discuss the role of small businesses in the clothing and textile industry in Ireland.

(9 marks)

(ii) Give details of **one** career opportunity in the fashion industry.

(6 marks)

Elective 3 – Social Studies – 80 marks

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

3.(a) A strong work ethic is an important part of being successful in a person's career.

- (i) Define *work* and *work ethic*. (6 marks)
- (ii) Discuss **four** factors that influence a person's attitude to work. (20 marks)
- (iii) Outline the benefits of voluntary work to the volunteer **and** to the community. (16 marks)
- (iv) Name **and** give details of **one** support provided by voluntary organisations to individuals and families in need. (8 marks)

and

3.(b) 'Childminding is of huge importance to children, to parents, to our economy and to our society.' (www.irishtimes.com)

- (i) Discuss **four** factors parents should consider when choosing suitable childcare for their children. (16 marks)
- (ii) Identify **and** describe **two** childcare options available to a family with young children. (14 marks)

or

3.(c) Irish society is changing rapidly and these changes are having a significant impact on the family.

- (i) Outline the impact (effect) of **each** of the following on family life:
 - reduction in working hours
 - improved conditions of work
 - improvements in the provision of education. (18 marks)
- (ii) Explain how the Working Family Payment (*Family Income Supplement*) provides support to families. (12 marks)

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Leaving Certificate – Ordinary Level

Home Economics - Scientific and Social
Section B and Section C

2 hours 30 minutes