Coimisiún na Scrúduithe Stáit
State Examinations Commission

LEAVING CERTIFICATE EXAMINATION 2021

Home Economics – Scientific and Social

HIGHER LEVEL

Section B and Section C

WEDNESDAY 9 JUNE AFTERNOON 2:00 – 4:30

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.

Do not hand this up

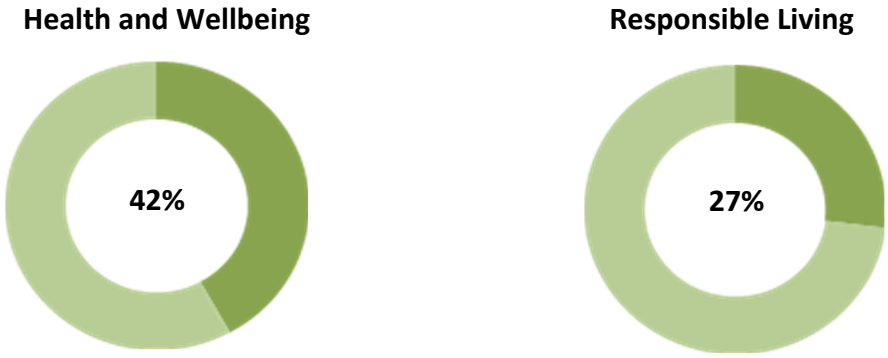
The 2021 examination papers were adjusted to compensate for disruptions to learning due to COVID-19. This examination paper does not necessarily reflect the same structure and format as the examination papers of past or subsequent years.

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

Question 1

The following infographic shows two influencing factors on evening meal consumption.
(*What Ireland Ate Last Night, Report 2020, Bord Bia Thinking House*)



(a) In relation to the infographic above, suggest how (i) health and wellbeing and (ii) responsible living might influence food choices. (20 marks)

(b) Identify and describe contemporary trends in Irish eating patterns. (12 marks)

(c) Micronutrients are essential for good health and wellbeing.

Give an account of iron with reference to:

- sources in the diet
- biological functions
- effects of deficiency. (18 marks)

(d) Identify and explain **two** factors which affect the absorption of iron in the body. (10 marks)

(e) Devise a set of strategies when purchasing foods and planning meals for families with irregular daily routines. (20 marks)

Question 2
Eggs are a good choice as part of a healthy, balanced diet.

(a) Discuss the nutritional significance of eggs in the diet. (20 marks)

(b) Describe how eggs work as an emulsifier in food production.
Refer to **one** culinary application. (18 marks)

(c) Evaluate the role of food labelling as a source of consumer information when buying eggs. (12 marks)

Question 3
Temperature control is critical to ensuring food safety for all consumers.

(a) Discuss the importance of temperature control during the storage and cooking/reheating of food. (16 marks)

(b) Describe the stages in a *Hazard Analysis and Critical Control Point* (HACCP) system for making a hot main course dish. Refer to potential hazards and the corresponding control measures that should be implemented. (24 marks)

(c) Differentiate between infectious food poisoning and toxic food poisoning. (10 marks)

Question 4
Efficient home management guides the smooth running of the home.

(a) Explain how good management systems contribute to a well-run home. (16 marks)

(b) Using the management framework (inputs, throughputs and outputs), outline the strategies to be followed when planning a family holiday to ensure effective management of resources. (18 marks)

(c) Evaluate the use of credit as a method of payment for a family holiday. (16 marks)

Question 5
The modern Irish family is smaller and more diverse than ever before.

(a) Define the term 'family' and explain the concept of the universality of the family. (10 marks)

(b) Explain how the family can meet the physical, emotional, economic and social needs of its members. (24 marks)

(c) Discuss the challenges that may be experienced by the family of a child with special needs. (16 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) A well designed home should have a positive impact on people's lives.

(i) Explain the importance of location and house style when building a new home. (16 marks)

(ii) Discuss the following factors that influence house design/construction:

- initial and/or maintenance costs
- technological developments
- energy efficiency. (24 marks)

(iii) Outline the procedure involved in obtaining full planning permission to build a house. (10 marks)

and

1.(b) 'Lighting isn't just a practical necessity. It's a style accessory, too.' (*www.ikea.com*)

(i) Discuss **three** properties of light and give an example of the application of each in the home. (18 marks)

(ii) Identify and evaluate **two** contemporary developments in lighting technology. (12 marks)

or

1.(c) 'Water covers 71% of the planet but only 1% is available to us as drinking water.' (*Irish Water*)

(i) Explain how water is supplied to and stored in the home.
Refer to:

- urban or rural supply
- stopcock
- storage tank/cistern. (18 marks)

(ii) Identify inefficient uses of water in the home. Suggest strategies for conserving and managing this resource. (12 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) *Athleisure* wear is a way of dressing that combines sportswear with ready-to-wear.



(*www.pinterest.com*)

(i) Evaluate the suitability of Athleisure wear as a wardrobe staple. (15 marks)

(ii) Outline the steps of the design process when constructing a garment. (10 marks)

and

2.(b) The sustainability of natural fibres has led to an upsurge in their use.

Write a profile of **one** fabric manufactured from natural fibres.
Refer to:

- fibre production
- fabric properties
- uses. (15 marks)

or

2.(c) The design of fashion can be influenced by cultural, historical and social factors.

(i) Explain how the choice of clothing is determined by its function. (6 marks)

(ii) Analyse the impact of social influences on the design of 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) 'Life on a low income is the norm for a large proportion of our society.'
(*Poverty Focus, Social Justice Ireland, 2020*)

(i) Define poverty. (8 marks)

(ii) In relation to poverty explain each of the following:

- relative poverty
- the poverty line
- the poverty trap. (18 marks)

(iii) Discuss the extent and distribution of poverty in Ireland today. (12 marks)

(iv) Name and give details of **one** social welfare assistance/benefit available to people who are experiencing poverty. (12 marks)

and

3.(b) People in work, paid or unpaid, tend to enjoy happier and healthier lives.

(i) Identify and elaborate on the factors that affect an individual's attitude to work. (15 marks)

(ii) Discuss giving examples, how a community can benefit from the work of volunteers. (15 marks)

or

3.(c) 42% of people who are working from home said that 'managing the boundary between work and home life was very difficult.' (*Irish Independent, 2020*)

(i) Explain the importance of the distribution of work tasks and childcare responsibilities in families. (15 marks)

(ii) Discuss how improvements in the provision of education have impacted on family life. (15 marks)

Question 4 – Core – 80 marks

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

4.(a) 'Ireland has a population of less than five million people, yet it produces enough dairy to feed multiples of that.' (*Dairy Sector Profile, Bord Bia*)

(i) Discuss the nutritional significance of milk in the diet of young children. (20 marks)

(ii) Describe **one** process used by manufacturers to extend the shelf life of milk.
Refer to:

- name of the process
- how the process is carried out
- packaging and labelling. (18 marks)

(iii) Outline the measures (initiatives) taken by the dairy industry to meet current consumer trends. (12 marks)

and

4.(b) 'It is anticipated that the prevalence of diabetes in Ireland will increase to 278,000 by 2030.' (*Changing Lives 2016 – 2020, Diabetes Ireland*)

(i) In relation to diabetes, give an account of:

- types of diabetes
- dietary requirements that should be followed for individuals with diabetes. (20 marks)

(ii) Outline the uses of sweeteners in food production. (10 marks)

or

4.(c) Market research involves the use of a variety of consumer research methods.

(i) Name and describe **two** methods of consumer research. (12 marks)

(ii) Outline the benefits of consumer research for both the consumer and the retailer. (18 marks)

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Leaving Certificate – Higher Level

Home Economics - Scientific and Social
Section B and Section C

Wednesday 9 June
Afternoon 2:00 – 4:30