Coimisiún na Scrúduithe Stáit
State Examinations Commission

LEAVING CERTIFICATE EXAMINATION 2020

Home Economics – Scientific and Social

HIGHER 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

Consumer surveys confirm that large portion sizes are associated with overeating in both adults and children. The following table from a study carried out by *safe*food reveals participants' opinions on situations where it is difficult to manage food portion sizes.

Situations/Settings	Sometimes Difficult (%)	Always Difficult (%)	Never Difficult (%)
Eating in	45	7.5	47.5
Eating out	57.5	10	32.5
Eating at work	20	0	80
Eating with friends	62.5	2.5	35
Stressful situations	35	10	55
Lack of time	40	2.5	57.5
Special occasions	40	37.5	22.5
Eating late/after a night out	35	7.5	57.5
Eating while watching TV	50	2.5	47.5
Preparing a meal	20	5	75

(*www.safe*food*.eu/media/safefoodlibrary*)

(a) With reference to **five** of the above situations/settings, suggest reasons why participants may/may not find it difficult to manage portion sizes. (20 marks)

(b) Give a detailed account of protein and refer to:

- how a peptide bond is formed
- essential and non-essential amino acids
- supplementary value/complementary role. (24 marks)

(c) Proteins have many functions in food production.

Explain the following in relation to protein and make reference to the culinary application of each:

- gel formation
- foam formation. (16 marks)

(d) Devise a set of strategies for controlling food portion sizes when shopping for food, eating at home and eating out. (20 marks)

Question 2
Cereal products such as bread, pasta and rice are significant energy providers for the body.

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

(b) Outline the stages involved in the processing of a cereal product of your choice. In your answer refer to production, packaging and labelling. (18 marks)

(c) Explain the benefits of a diet high in fibre. (12 marks)

Question 3
Safe food storage and preparation practices help to prevent food waste and foodborne illnesses.

(a) Discuss methods of good practice to ensure the safe preparation and storage of food in the home. (12 marks)

(b) Describe **two** methods of home food preservation.
In each case refer to:

- how the method of preservation is carried out
- the underlying principle
- risk of food spoilage. (26 marks)

(c) Outline the protection provided to the consumer by current food legislation. Refer to **one** Regulation/Act in your answer. (12 marks)

Question 4
Design and style are inherent factors in modern kitchen appliances.

(a) Name and describe **one** household appliance with a motor suitable for use in a kitchen.
Refer to:

- selection criteria
- sourcing consumer information
- working principle
- guidelines for use. (26 marks)

(b) Outline how the consumer can protect the environment when choosing, using and disposing of electrical appliances. (12 marks)

(c) Explain how the Sale of Goods and Supply of Services Act (1980) supports the consumer should the product prove faulty. (12 marks)

Question 5
A family is two or more people who share goals and values, have long term commitments to one another and usually reside in the same dwelling.

(a) Give an account of the historical development of the family in Ireland from the middle of the twentieth century to the present day. (20 marks)

(b) Outline the roles and responsibilities of family members and explain how these roles evolve through the life cycle of the family. (18 marks)

(c) Discuss the importance of good communication within the family. (12 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) Flexibility of space is critical to the success of today's homes.

(i) Evaluate the suitability of open plan living spaces in house design. (16 marks)

(ii) Discuss the factors that should be considered when planning the interior design of a home. (16 marks)

(iii) Describe **three** principles of design and give an example of the application of each principle when designing an interior space. (18 marks)

and

1.(b) 'The average rent in Ireland is at an all-time high and the availability of houses to rent is at its lowest ever level.' (*www.daft.ie 2019*)

(i) Discuss the comparative costs for a young couple of buying versus renting a house. (16 marks)

(ii) Name and give details of **one** housing scheme offered by Local Authorities. (14 marks)

or

1.(c) The heating system is integral to the overall design of a home.

(i) Explain the factors that should be considered when choosing a heating system for a new house. (16 marks)

(ii) Name and describe **one** type of home central heating system.
In your answer refer to:

- fuel/energy source
- working principle
- impact on the environment. (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) Style is the way to say who you are without having to speak.

(i) Sketch and describe a daywear outfit suitable for a college student. (10 marks)

(ii) Evaluate the outfit with reference to each of the following:

- suitability for purpose
- sustainability
- current fashion trends. (15 marks)

and

2.(b) Fabrics are given a variety of treatments to alter their performance.

(i) Identify **three** functional finishes applied to fabrics. (6 marks)

(ii) Explain how finishes enhance fabric performance. (9 marks)

or

2.(c) The clothing and textile industry in Ireland provides significant employment.

(i) Give a brief overview of the structure of the clothing and textile industry. (9 marks)

(ii) Describe the importance of small businesses in this 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) Education opens the minds of students and prepares them to face the world.

(i) Explain how education is used as a method of socialisation for young children. (15 marks)

(ii) Discuss the role of education in contributing to the development of the individual.
Refer to:

- physical development
- emotional development
- moral development
- intellectual development. (20 marks)

(iii) Give an account of the supports provided in second level schools for children with special educational needs. (15 marks)

and

3.(b) 'The number of people unemployed in Ireland was 126,900 in September 2019.'
(*www.irish examiner.ie*)

(i) Discuss the causes of unemployment. (9 marks)

(ii) Outline the effects of unemployment on society. (12 marks)

(iii) Name and give details of **one** statutory initiative that encourages foreign investment and creates employment. (9 marks)

or

3.(c) Leisure and sports activities play an important role in communities.

(i) Describe how age and gender impact on a person's choice of leisure activities. (12 marks)

(ii) Evaluate **two** leisure facilities available in the community.
Refer to:

- facilities offered
- value for money
- benefit to the community. (18 marks)

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Leaving Certificate – Higher Level

Home Economics - Scientific and Social
Section B and Section C

2 hours 30 minutes