2020.M48

2020L098A1EL

Coimisiún na Scrúduithe Stáit
State Examinations Commission

Leaving Certificate Examination 2020

Home Economics – Scientific and Social

Section A and Answerbook

Higher Level

2 hours 30 minutes

280 or 320 marks

Examination Number

Day and Month of Birth

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. Complete the following table in relation to carbohydrates.

	Chemical Formula	**Example**
Monosaccharides		
Disaccharides		
Polysaccharides		

2. Outline how consumers have become more nutritionally aware and health conscious in their food choices.

(i)
(ii)

3. State **two** functions of omega 3 fatty acids in the diet.

(i)
(ii)

4. The following health conditions may result from a vitamin deficiency in the diet.
Identify **one** vitamin in each case.

Health Condition	Vitamin
Poor blood clotting	
Neural tube defects	
Night blindness	

5. State **two** functions of An Bord Bia (The Irish Food Board).

(i)
(ii)

6. In relation to meat, explain each of the following terms:

(i) Extractives
(ii) Marinating

7. Outline the process involved in the homogenisation of milk.

8. Classify artificial sweeteners and give **one** example in each class/type.

Class/Type	Example

9. What information does each of the following symbols convey to the consumer?



(*www.repak.ie*)



(*www.clearpak.com*)

10. In relation to fabric detergents, explain the purpose of each of the following:

(i) Enzymes
(ii) Surfactants

11. Differentiate between the mortgage interest rates below.

(i) Fixed rate
(ii) Variable rate

12. Describe how each of the following influence consumers when shopping.

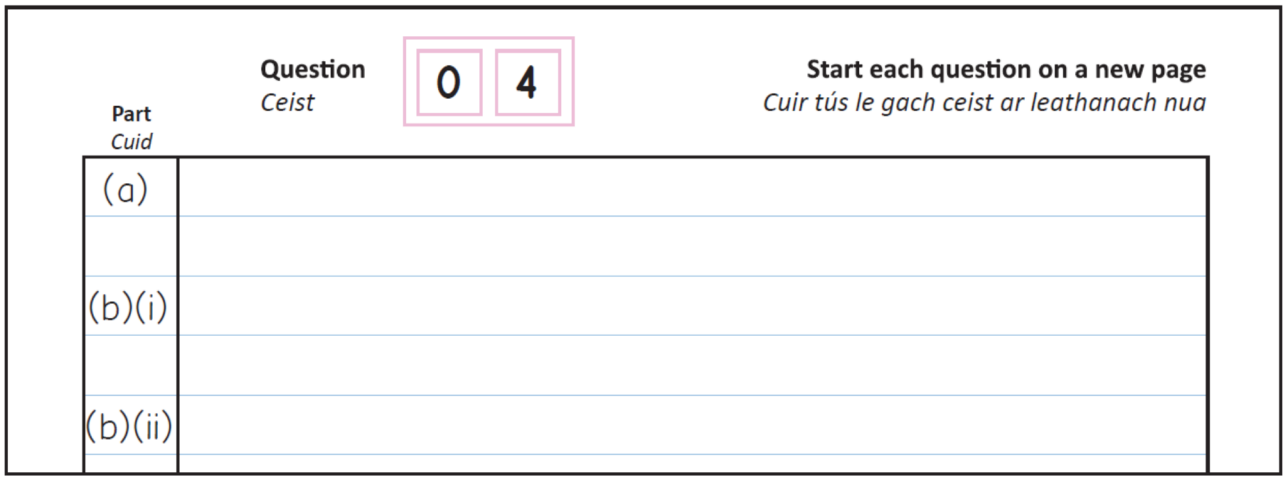
(i) Product placement
(ii) Loyalty schemes

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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Home Economics – Scientific and Social
Section A and Answerbook

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