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M 47



# Coimisiún na Scrúduithe Stáit State Examinations Commission

Leaving Certificate Examination, 2006

**HOME ECONOMICS – SCIENTIFIC AND SOCIAL**

**ORDINARY LEVEL**

<b>CENTRE STAMP</b>

**FRIDAY, 9 JUNE – AFTERNOON, 2.00 to 4.30**

**280/320 MARKS**

*Instructions to Candidates*

- Section A** There are **twelve** questions in this section.  
Candidates are required to answer any **ten** questions.  
Each question carries **6** marks.  
**Write your answers in the spaces provided on the examination paper.**
- Section B** There are **five** questions in this section.  
Candidates are required to 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.  
**Write your answers in the separate answer book provided.**
- Section C** There are **three** questions in this section.  
Candidates are required to answer **one** elective question to include **part (a)** and either **part (b)** or **part (c).**  
**Candidates who submitted Textiles, Fashion and Design coursework for examination may only attempt Question 2 from this section.**  
Electives **1** and **3** are worth **80** marks each. Elective **2** is worth **40** marks.  
**Write your answers in the separate answer book provided.**

**You must return your examination paper with your answer book at the end of the examination.**

## Section A

Answer any **ten** questions from this section.

Each question is worth 6 marks.

Write your answers in the spaces provided.

1. List **three** sources of lipids (fats) under each of the following headings: (6)

Saturated (Animal) Lipids	Unsaturated (Vegetable) Lipids

2. (a) Salivary amylase starts the digestion of which of the following:  
Tick  $\checkmark$  the correct answer. (2)

Starch in the mouth.

Protein in the stomach.

Sucrose in the small intestine.

- (b) Complete the following: (4)

Amino acids (digested proteins) pass through the walls of the \_\_\_\_\_

into the capillary network which joins up to form the \_\_\_\_\_

which carries the nutrients to the liver.

3. (a) State **two** functions of calcium in the body. (4)

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

- (b) List **two** good dietary sources of calcium. (2)

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

4. Outline **three** healthy eating guidelines for a 30-year-old sedentary worker. (6)

(i) \_\_\_\_\_

\_\_\_\_\_

(ii) \_\_\_\_\_

\_\_\_\_\_

(iii) \_\_\_\_\_

\_\_\_\_\_

5. (a) Name **four** nutrients found in eggs. (4)

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

(iv) \_\_\_\_\_

(b) List **two** effects of heat on eggs. (2)

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

6. (a) List **two** advantages and **two** disadvantages of convenience foods (packet/tinned foods). (4)

*Advantages*

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

*Disadvantages*

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(b) Name **one** organisation that promotes the sale of Irish food products. (2)

\_\_\_\_\_

7. Name **three** different types of packaging materials used in the food industry and give **one** different example of the use of each. (6)

Type of packaging material	Example of use

8. Name **three** classes of cheese and give **one** example of each class. (6)

Class of cheese	Example

9. Outline **three** factors that should be taken into consideration when choosing large electrical appliances for the home. (6)

- (i) \_\_\_\_\_  
\_\_\_\_\_
- (ii) \_\_\_\_\_  
\_\_\_\_\_
- (iii) \_\_\_\_\_  
\_\_\_\_\_

10. (a) List **four** methods of paying for goods and services. (4)

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

(iv) \_\_\_\_\_

(b) Name **two** types of insurance available to the consumer. (2)

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

11. Recommend **two** fabrics suitable for living room curtains and state **one** property of each fabric. (6)

Fabric	Property

12. Name and explain **two** rights we have as consumers. (6)

(i) **Name** \_\_\_\_\_

**Explain** \_\_\_\_\_

(ii) **Name** \_\_\_\_\_

**Explain** \_\_\_\_\_

## Section B

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.

1. *'Children are not eating enough fibre, and are eating more fat and salt than is recommended.'*

(The National Children's Food Survey – UCC and TCD).

The label on a packet of '**Jumbo Porridge Oats**' has the following information:

TYPICAL COMPOSITION	Per 100g	Per 40g serving
Energy	1613kJ 386.6kcal	645.3kJ 154.6kcal
Protein	11.1g	4.4g
Carbohydrates	73g	29.2g
Fat	5.5g	2.2g
Fibre	6.1g	2.5g
Sodium	Trace	Trace
Thiamine	0.85mg	0.35mg
Iron	4.1mg	1.64mg

- (a) Comment on the dietetic value of '**Jumbo Porridge Oats**'. (12)
- (b) Suggest **two** foods (other than milk) you could serve with porridge to increase the nutritional value.  
Give **one** reason for your choice of each food. (12)
- (c) Plan a menu (3 meals) for **one** day for a family with young children who has been advised to increase their intake of fibre. (18)
- (d) Give an account of carbohydrates and refer to:  
(i) classification  
(ii) **one** example of each class  
(iii) functions in the body. (18)
- (e) Name **four** items of consumer information found on food packaging.  
Explain the importance of each. (20)

2. *'Fish is full of many of the nutrients your body needs to grow. Eating fish twice a week, including some oil-rich fish, is one way to make sure you are getting everything you need to be healthy and full of energy.'*

(BIM website: [www.bim.ie](http://www.bim.ie)).

- (a) Describe (i) the nutritive value and (ii) the dietetic value of fish. (20)
- (b) Name **three** different types of processed fish products and state why these products are popular. (14)
- (c) Freezing is one method of storing fish for a period of time. Outline the general rules to be followed when freezing fresh food. (16)

3. *Jack and Jane O'Brien have two children ages five and three, Jack works five days a week and Jane stays at home to look after the children. They currently live in a three bedroomed rented house and are saving to buy a home of their own.*

- (a) Explain why it is important for the O'Brien family to set up a budget. (12)
- (b) List the main sources of expenditure for this family. (15)
- (c) Discuss **three** factors that Jack and Jane O'Brien should consider when choosing a home of their own. (15)
- (d) Local authorities provide a range of services/schemes in relation to the provision of housing. Name and describe **one** service/scheme provided. (8)

4. *As society changes so too does the structure of the modern family.*

- (a) In spite of the changes in structure, family functions remain constant. Identify and describe **three** important functions of the family. (24)
- (b) Explain how any **one** function of the family has been supplemented (helped out) by other social institutions or organisations. (10)
- (c) Discuss how gender issues have affected the roles of family members in recent times. (16)

5. *'Ireland is changing, more than a quarter of the population is aged 50 or over and almost one in 12 people is 70 or over.'*

(The Irish Times, April 23, 2005).

- (a) Discuss **three** reasons why people are living longer. (18)
- (b) Give an account of the advantages **and** the disadvantages of grandparents living with a family member who has young children. (20)
- (c) Outline the procedure for making a will. (12)

## Section C

Answer one question from this section.

Candidates who submitted Textiles, Fashion and Design coursework for examination may only attempt Question 2.

### 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)
- (i) Elaborate on the factors that influence the design and building of a house under **each** of the following headings:
    - (i) location
    - (ii) house style
    - (iii) family requirements (present and future)
    - (iv) technological developments. (26)
  - (ii) Identify **four** modifications (changes) that should be made when designing a house for a person who uses a wheelchair. (12)
  - (iii) State (a) the advantages and (b) the disadvantages of renting a house /apartment. (12)

**and**

1. (b)
- (i) A name plate attached to a vacuum cleaner includes the following information:

220 – 230V	1800W max.
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- Why is each of the above items of information important for the consumer? (14)
- (ii) List and explain **four** important points in relation to the safe use of electricity in the home. (16)

**or**

1. (c)
- (i) Give an account of **four** factors that should be considered when choosing wall finishes for the interior of the home. (16)
  - (ii) Describe **one** type of wall finish suitable for a young child's bedroom. Give **two** reasons for your choice. (14)

## 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) *As a member of a local football or basketball team you have been asked to forward ideas for a new two-piece kit.*
- (i) Sketch and describe a two-piece outfit which you would consider suitable. (10)
- (ii) Comment on the importance of the following in your design:
- colour
  - proportion
  - functionality (use). (9)
- (iii) Design and sketch a suitable logo for this outfit. (6)

**and**

2. (b) (i) Classify natural fibres giving **one** example of each class. (6)
- (ii) List **three** properties of **one** of the fibres mentioned above. (9)

**or**

2. (c) (i) Explain how the media influences the choice of clothing worn by teenagers. (9)
- (ii) What points should be considered when selecting a commercial pattern for home sewing? (6)

### Elective 3- Social Studies (80 marks)

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

3. (a) *'There were 53,200 males and 32,400 females unemployed in the second quarter of 2005.'* (The Central Statistics Office 2005).

- (i) Why, in your opinion, are there more males than females unemployed in 2005? (10)
- (ii) Define unemployment. (6)
- (iii) Discuss the effects of unemployment on:
  - (i) the individual
  - (ii) the family
  - (iii) society. (24)
- (iv) Name and give details of one government scheme that helps create employment. (10)

**and**

- 3. (b) (i) Explain why childcare facilities are required in modern society. (15)
- (ii) Give a brief account of the factors a parent should consider when choosing a childcare option. (15)

**or**

3. (c) *'Education is a life long experience'.*

- (i) Outline three ways in which education contributes to the development of the individual. (15)
- (ii) Summarise the factors that influence a student's educational achievement. (15)

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