

Write your Examination Number here

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2007. M. 47



# Coimisiún na Scrúduithe Stáit State Examinations Commission

Leaving Certificate Examination, 2007

HOME ECONOMICS – SCIENTIFIC AND SOCIAL

ORDINARY LEVEL

CENTRE STAMP

FRIDAY, 8 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. Name **three** sources of protein under **each** of the following headings: (6)

High Biological Value Protein (HBV)	Low Biological Value Protein (LBV)

2. (a) List the **three** elements found in carbohydrates. (6)

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

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

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

- (b) In relation to the digestion of carbohydrates, indicate with a tick (✓) whether **each** of the following statements is true **or** false.

Digestion of Carbohydrates	True	False
Starch is changed to maltose in the mouth		
Carbohydrate digestion takes place in the stomach		
Intestinal juice contains sucrase		

3. (a) State **one** function of iron in the body. (6)

\_\_\_\_\_

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

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

4. State **two** specific dietary requirements of a lacto-vegetarian diet. (6)

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

\_\_\_\_\_

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

\_\_\_\_\_

5. In relation to the wheat grain, explain **two** of the following: (6)

(i) **Endosperm** \_\_\_\_\_

\_\_\_\_\_

(ii) **Germ** \_\_\_\_\_

\_\_\_\_\_

(iii) **Bran** \_\_\_\_\_

\_\_\_\_\_

6. (a) Name **one** diet-related condition that commonly affects elderly people. (6)

\_\_\_\_\_

(b) State **one** cause of this condition.

\_\_\_\_\_

7. Name a **different method** of preservation suitable for **each** of the following vegetables: (6)

<i>Vegetable</i>	<i>Method of preservation</i>
Carrots	
Whole Tomatoes	
Onions	

8. Give **one** recommendation under **each** of the following headings in relation to safe food preparation.

(6)

(i) **Personal hygiene** \_\_\_\_\_

\_\_\_\_\_

(ii) **Kitchen hygiene** \_\_\_\_\_

\_\_\_\_\_

(iii) **Food hygiene** \_\_\_\_\_

\_\_\_\_\_

9. (a) Name **one** statutory organisation and **one** voluntary organisation that works to protect the consumer.

(6)

<b>Statutory organisation</b>	
<b>Voluntary organisation</b>	

(b) Complete the following sentence:

A guarantee is a contract between the \_\_\_\_\_ and the \_\_\_\_\_.

10. Explain **each** of the following:

(6)

(i) **Gross income** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(ii) **Net income** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

11. Explain **each** of the following fabric properties: (6)

(i) *Absorbent* \_\_\_\_\_

\_\_\_\_\_

(ii) *Colourfast* \_\_\_\_\_

\_\_\_\_\_

(iii) *Flammable* \_\_\_\_\_

\_\_\_\_\_

12. In relation to budgeting explain and give an example of **each** of the following: (6)

*Essential expenditure* \_\_\_\_\_

\_\_\_\_\_

*Example* \_\_\_\_\_

*Discretionary expenditure* \_\_\_\_\_

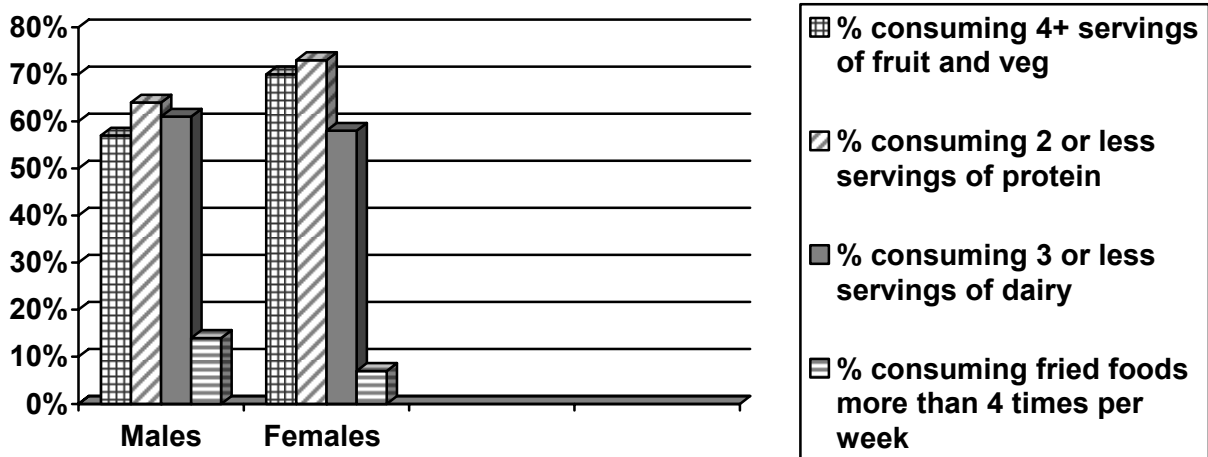
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*Example* \_\_\_\_\_

## 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. The chart below provides information on the eating habits of males and females in Ireland.



(Source: *The National Health & Lifestyle Surveys. – 1999*).

- (a) Using the information provided on the chart
- (i) identify **three** differences in the eating habits of males and females
  - (ii) state, giving reasons, whether males or females have a healthier diet. (24)
- (b) It is recommended that consumers choose three servings a day from the milk, cheese and yoghurt food group. State **two** reasons for this recommendation. (10)
- (c) Give an account of protein under **each** of the following headings:
- (i) composition
  - (ii) functions in the body
  - (iii) properties. (26)
- (d) Describe **four** ways the consumer can play a role in waste management when selecting and purchasing food commodities. (20)

2. **‘The number of obese children in the EU is predicted to reach 6.4 million by 2010 if current trends continue - new research from the International Association for the Study of Obesity indicates.’**  
*(Easy Food, April/May 2006).*
- (a) Comment on the above statement and state **three** causes of obesity in children. (12)
  - (b) Give details of **two** health risks associated with childhood obesity. (8)
  - (c) Having regard to current healthy eating guidelines, plan a menu (3 meals) for **one** day for a family with young children. (18)
  - (d) Outline **four** factors that determine a person’s energy requirements. (12)
3. **Developments in technology have led to an increased range of microwave cookers on the market.**
- (a) Set out the results of a study you have carried out on microwave cookers.  
Refer to:
    - (i) the different types of microwave cookers available
    - (ii) the factors to be considered when selecting a microwave cooker
    - (iii) guidelines for use
    - (iv) modern features. (38)
  - (b) State how the Sale of Goods and Supply of Services Act (1980) protects the interests of consumers. (12)

**4. Consumers are presented with an increasing range of goods and services. As a result, it can be difficult to make informed choices.**

- (a) Discuss how any **four** of the following might affect consumers' decision making when choosing goods and services:
- (i) advertising
  - (ii) household income
  - (iii) discount offers
  - (iv) shopper loyalty schemes
  - (v) easy pay schemes.
- (32)

- (b) State the advantages and the disadvantages of **one** of the following:
- (i) mail order shopping **or** (ii) internet shopping.
- (18)

**5. 'Adolescence is the time between the ages of 10 and 18 when your thinking, your feelings and your body are changing'.  
( 'Ready, Steady, Grow' by Angela MacNamara).**

- (a) Identify **two** factors, outside the family, which may influence a teenager's behaviour.
- (8)

- (b) Discuss:
- (i) **three** aspects of adolescent behaviour that may lead to conflict between parents / other adults and teenagers
  - (ii) **three** ways of dealing with conflict.
- (30)

- (c) Each family member has a role and a number of responsibilities within the the family unit.  
Describe **one** role and **two** responsibilities of teenagers / adolescents.
- (12)



## Section C

Answer **one** elective 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) Mark and Emma have recently purchased a 2-bedroomed bungalow in a large town. The bungalow consists of a small kitchen, a bathroom, a large sitting room and two bedrooms. It has no heating system and little insulation.
- (i) Name and describe the central heating system that you would recommend for this house. Give **two** reasons for your recommendation. (22)
- (ii) Identify an area of the bungalow that should be insulated. Give details of the type of insulation that could be used. (12)
- (iii) Outline **four** factors that Mark and Emma should take into consideration when selecting furniture for the bungalow. (16)

**and**

1. (b) (i) Give an account of **three** different factors that influence the interior design of a house. (18)
- (ii) Texture in an important element of design. Give **two** examples of the use of smooth textures and **two** examples of the use of rough textures in interior design. (12)

**or**

1. (c) (i) Explain the importance of good ventilation. (12)
- (ii) Name **one** natural method and **one** artificial method of ventilating a home. Describe **one** of the methods named. (18)

## 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) You are about to start work in a local office where you will be dealing with the public and are expected to dress appropriately.
- (i) Sketch and describe the outfit you would consider suitable. (10)
- (ii) State how the design of the outfit takes account of:
- comfort
  - aesthetic appeal (appearance)
  - current fashion trends. (9)
- (iii) Suggest one fabric suitable for this outfit giving reasons for your choice. (6)

**and**

2. (b) Modern fabrics are given a variety of treatments during manufacture.
- (i) Explain why fabric finishes are used when manufacturing fabrics. (9)
- (ii) Name and describe one type of fabric finish. (6)

**or**

2. (c) (i) Describe the role played by small businesses in the design / manufacture of clothing in Ireland. (9)
- (ii) Explain why there has been a major decrease in the number of people employed in the clothing and textile industry since the 1990s. (6)

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

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

3. (a) Ireland has undergone many social and economic changes in the past few decades. These changes have had an impact on family life.’

*(The Central Statistics Office 2005).*

- (i) Discuss how social and economic change has affected family life. Refer to **each** of the following:
- changing attitudes to marriage
  - traditional roles within the family
  - employment opportunities
  - improvements in the provision of education. (32)
- (ii) Give a brief account of **three** different payments provided by the Department of Social and Family Affairs to families with children. (18)

and

3. (b) ‘The proportion of people at risk of poverty in Ireland was one of the highest in the EU in 2004.’

*(Measuring Ireland’s Progress 2005 from CSO).*

- (i) Identify **three** groups of people most at risk of poverty in Ireland today. Explain why the groups named are affected by poverty. (22)
- (ii) State the role of the *Combat Poverty Agency*. (8)

or

3. (c) Voluntary workers play a major role in today’s community.

- (i) Discuss the benefits of voluntary work to:
- the individual and
  - the community. (20)
- (ii) Explain the difference between paid work and unpaid work. (10)

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