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M 47



Coimisiún na Scrúduithe Stáit State Examinations Commission

Leaving Certificate Examination, 2006

HOME ECONOMICS – SCIENTIFIC AND SOCIAL

ORDINARY LEVEL

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| CENTRE STAMP |
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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).

- (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. |
|------------|------------|

- 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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