Coimisiún na Scrúduithe Stáit  
State Examinations Commission  

Leaving Certificate Examination, 2006  

HOME ECONOMICS – SCIENTIFIC AND SOCIAL  

ORDINARY LEVEL  

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)

<table>
<thead>
<tr>
<th>Saturated (Animal) Lipids</th>
<th>Unsaturated (Vegetable) Lipids</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. (a) Salivary amylase starts the digestion of which of the following: (2)

Tick ✓ the correct answer.

- [ ] 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)

<table>
<thead>
<tr>
<th>Type of packaging material</th>
<th>Example of use</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Class of cheese</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

(i) ______________________________________________________

(ii) _____________________________________________________

(iii) ____________________________________________________

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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)

<table>
<thead>
<tr>
<th>Fabric</th>
<th>Property</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>TYPICAL COMPOSITION</th>
<th>Per 100g</th>
<th>Per 40g serving</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy</td>
<td>1613kJ</td>
<td>645.3kJ</td>
</tr>
<tr>
<td></td>
<td>386.6kcal</td>
<td>154.6kcal</td>
</tr>
<tr>
<td>Protein</td>
<td>11.1g</td>
<td>4.4g</td>
</tr>
<tr>
<td>Carbohydrates</td>
<td>73g</td>
<td>29.2g</td>
</tr>
<tr>
<td>Fat</td>
<td>5.5g</td>
<td>2.2g</td>
</tr>
<tr>
<td>Fibre</td>
<td>6.1g</td>
<td>2.5g</td>
</tr>
<tr>
<td>Sodium</td>
<td>Trace</td>
<td>Trace</td>
</tr>
<tr>
<td>Thiamine</td>
<td>0.85mg</td>
<td>0.35mg</td>
</tr>
<tr>
<td>Iron</td>
<td>4.1mg</td>
<td>1.64mg</td>
</tr>
</tbody>
</table>

(a) Comment on the dietetic value of ‘Jumbo Porridge Oats’.

(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.

(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.

(d) Give an account of carbohydrates and refer to:

(i) classification
(ii) one example of each class
(iii) functions in the body.

(e) Name four items of consumer information found on food packaging.

Explain the importance of each.
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.](image)

   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.’


(i) Why, in your opinion, are there more males than females unemployed in 2005?

(ii) Define unemployment.

(iii) Discuss the effects of unemployment on:
  (i) the individual
  (ii) the family
  (iii) society.

(iv) Name and give details of one government scheme that helps create employment.

3. (b) (i) Explain why childcare facilities are required in modern society.

(ii) Give a brief account of the factors a parent should consider when choosing a childcare option.

3. (c) ‘Education is a life long experience’.

(i) Outline three ways in which education contributes to the development of the individual.

(ii) Summarise the factors that influence a student’s educational achievement.
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