

AN ROINN OIDEACHAIS AGUS EOLAIOCHTA

LEAVING CERTIFICATE EXAMINATION, 2001

HOME ECONOMICS (SCIENTIFIC AND SOCIAL)

ORDINARY LEVEL

TUESDAY, 12 JUNE - AFTERNOON, 2.00 to 4.45

(400 marks)

Five questions to be answered.

One question must be chosen from **each** of the Sections, other questions at choice of candidate.

All questions carry equal marks.

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SECTION I- SCIENTIFIC

1. Give an account of Vitamin C under **each** of the following headings:
(i) functions in the diet; **(ii)** main dietary sources; **(iii)** effects of deficiency;
(iv) properties.
State how loss of Vitamin C can be minimised when **(a)** storing, **(b)** preparing and **(c)** cooking food.

2. Set out the results of a study you have carried out on meat under the following headings:
(i) nutritive value;
(ii) structure;
(iii) effects of cooking.
Using a cheaper cut of meat, give directions for preparing, cooking and serving a main course luncheon dish suitable for a family of four.
Write an informative note on textured vegetable protein (TVP).

3. Give an account of **(i)** the position and **(ii)** the structure of the human heart.
Use well labelled diagrams to illustrate your answer.
Give an account of the circulation of the blood between the heart and the lungs.
State the factors that affect heartbeat.

4. Assess **(i)** the nutritional, **(ii)** the dietetic and **(iii)** the economic value of cereals in the diet.
Describe how pasta is made and name **three** different types of pasta.
Describe how you would prepare, cook and serve a pasta dish suitable for an evening meal for two students. Cost the dish.

SECTION II - SOCIAL

5. *Under-age drinking is an increasing social problem.* Comment on this statement and list some guidelines for the sensible use of alcohol.
Give an account of each of the following:
(a) the short-term and long-term effects of alcohol abuse on the human body and
(b) the effects of excessive drinking on (i) the family and (ii) society.
Describe **one** source of help available to a person who is alcohol dependent.
6. Write an informative account of any **two** of the following:
(i) the causes and the effects of young people dropping out of school;
(ii) the advantages of (a) youth clubs and (b) play groups in the community;
(iii) the reasons for and the effects of the increasing participation of foreign nationals in the workforce;
(iv) the social welfare services available to people who are retired/elderly.
7. Compile a set of general guidelines to be followed when drawing up a budget.
List (i) the compulsory deductions and (ii) the optional deductions that may be made from an employee's pay.
Plan and set out a household budget for a family of three persons with a net income of IR£160.00 per week.
Write an informative account of (a) the Medical Card Scheme **or** (b) Family Income Supplement.
8. Summarise the factors that should be considered when planning colour schemes for the home.
Give the composition of paint and explain the difference between water-based paints and oil-based paints.
State the advantages of using paint as a wall finish and describe some decorative paint finishes that are currently popular.
9. State why it is important for the consumer to use energy as efficiently as possible.
Explain the principle of insulation.
Describe **one** type of insulation suitable for **each** of the following areas in a new house:
(i) the attic; (ii) the walls; (iii) the windows and doors.
Suggest some guidelines that could be followed in order to save energy when
(a) heating the home and (b) using lighting.