

AN ROINN OIDEACHAIS AGUS EOLAIOCHTA

LEAVING CERTIFICATE EXAMINATION, 2000

HOME ECONOMICS (SCIENTIFIC AND SOCIAL)

ORDINARY LEVEL

THURSDAY, 15 JUNE - MORNING, 9.30 to 12.15

(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. Explain why it is important to include iron rich foods in the diet.
List the dietary sources of iron.
Design a set of menus for one day for a teenager who has been advised to increase his/her iron intake.
Write an informative note on the use of dietary supplements.

2. Give an account of the nutritive and dietetic value of milk.
Describe the processing method used in the production of **(i)** pasteurised milk **or (ii)** dried milk.
State the causes of spoilage in milk and explain how spoilage can be prevented.
Using milk as a main ingredient, give full directions for preparing a nutritious drink **or** dessert suitable for children.

3. Describe, with the aid of labelled diagrams, the respiratory system. Refer to the position and structure of each part.
Explain how the exchange of gases takes place in the lungs.
List the factors that affect the rate of breathing.

4. Compile a set of practical guidelines that should be followed when planning meals for elderly persons.
List **three** nutrients which are particularly important for older people and state why each is important.
Give full directions for preparing, cooking and serving a low-fat main course dish suitable for two elderly persons.

SECTION II - SOCIAL

5. Despite the current economic success many remain unemployed.
Give an account of the reasons for unemployment in Ireland today and state the categories of person most likely to be without work.
Describe the effects of unemployment on **(i)** the individual; **(ii)** the family; and **(iii)** society.
Describe **one** Government scheme designed to help tackle unemployment.
6. Write an informative account of any **two** of the following:
- (i)** the causes and the effects of alcohol abuse;
 - (ii)** the advantages and the disadvantages of urban living;
 - (iii)** the factors which influence educational achievement;
 - (iv)** the advantages and disadvantages of the media.
7. Name the most common types of water pollutants.
State how local authorities treat water in order to ensure that it is safe to drink.
Describe **one** system of heating water for general domestic use. Illustrate your answer with a labelled diagram.
State **(i)** the cause and **(ii)** the effects of hardness in water.
8. Outline the general factors that should be considered when designing the layout of a new kitchen.
Show, by labelled diagram, the layout of the kitchen you would recommend for a family home.
Describe **(i)** the storage units, **(ii)** the work surfaces and **(iii)** the large appliances you would select. Give reasons for your choice.
9. State **(i)** the advantages and **(ii)** the disadvantages of using credit to purchase household goods.
Name **three** forms of credit available to the consumer and list the general requirements of a credit agreement.
Outline the benefits of any **two** of the following: **(a)** private health insurance; **(b)** house insurance; **(c)** Pay Related Social Insurance (P.R.S.I.).