



Coimisiún na Scrúduithe Stáit State Examinations Commission

LEAVING CERTIFICATE EXAMINATION, 2003

HOME ECONOMICS (SCIENTIFIC AND SOCIAL)

ORDINARY LEVEL

FRIDAY, 6 JUNE – AFTERNOON, 2.00 to 4.45

(400 marks)

Five questions to be answered.

One question must be chosen from **each** Section, the other questions at choice of candidate.
All questions carry equal marks.

OVER→

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SECTION I - SCIENTIFIC

1. Give an account of protein under **each** of the following headings:
 - (i) composition;
 - (ii) classification and examples of each class;
 - (iii) functions in the body;
 - (iv) main dietary sources.What is the recommended daily allowance (R.D.A.) of protein for an adult?

2. You have been asked to prepare a set of guidelines on healthy eating for young children. Set out the main points you would include.
Compile a menu (**three** meals) for one day for a family with young children.
List the ingredients and give full directions for preparing, cooking and serving the main course dish of the main meal from the menu you have planned.
Evaluate the nutritive value of the dish.

3. Describe (i) the position and (ii) the structure of the liver. Use labelled diagrams to illustrate your answer.
Summarise the main functions of the liver.
Explain the role of bile in digestion.

4. Give an account of chicken under **each** of the following headings:
 - (i) the points which should be considered when buying chicken;
 - (ii) nutritive and dietetic value;
 - (iii) culinary uses.Using fresh chicken, give full directions for the method of preparing, cooking and serving a chicken casserole **or** a chicken curry.

SECTION II – SOCIAL

5. Poverty is an ongoing social problem encountered in Irish society.
Discuss some of the causes of this problem.
Outline the effects of poverty on **(i)** the individual, **(ii)** the family and **(iii)** society.
Give an account of the work of either **(a)** the Combat Poverty Agency or **(b)** the Society of St. Vincent de Paul.
6. Write an informative account of any two of the following:
- (i)** the importance of second chance education for young people and adults;
 - (ii)** the advantages and the disadvantages of retirement homes for elderly persons;
 - (iii)** the benefits of voluntary organisations for **(a)** the community and **(b)** the voluntary workers involved;
 - (iv)** the advantages and the disadvantages of living in a rural area.
7. State how natural lighting can be maximised in the home.
Discuss the factors that should be considered when planning lighting systems for a family home.
Describe the construction of **(i)** a filament bulb or **(ii)** a fluorescent bulb.
Describe three of the following light fittings/features: **(a)** downlighters;
(b) display lighting; **(c)** track lighting; **(d)** dimmer switches.
8. Give an account of the vacuum cleaner that you would recommend for use in a modern apartment. Refer to:
- (i)** construction;
 - (ii)** working principle;
 - (iii)** modern features and attachments;
 - (iv)** cost.
- What special precautions should be taken when caring for natural wood floors?
9. Give an account of the services provided by the Consumer Association of Ireland.
List the main items of information that you would expect to find on each of the following:
(i) a food label on a pre-packaged foodstuff and **(ii)** a credit agreement.
State the advantages and the disadvantages of purchasing goods using either a mail order service or the Internet.