



Coimisiún na Scrúduithe Stáit State Examinations Commission

LEAVING CERTIFICATE EXAMINATION, 2003

HOME ECONOMICS (SCIENTIFIC AND SOCIAL)

HIGHER LEVEL

FRIDAY, 6 JUNE – AFTERNOON, 2.00 TO 4.45

(400 MARKS)

Five questions to be answered.

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

All questions carry equal marks.

OVER→

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SECTION 1 - SCIENTIFIC

1. Report the findings of a study you have carried out on calcium under **each** of the following headings:
 - (i) main food sources;
 - (ii) functions in the body;
 - (iii) factors that assist and inhibit absorption.Write an informative note on osteoporosis and outline the lifestyle changes you would recommend to teenagers in order to prevent the occurrence of this condition.

2. Assess (i) the nutritional, (ii) the economic and (iii) the practical reasons for including vegetables in meal planning.
State how vegetables are affected by cooking and processing methods.
Using a variety of vegetables, give clear directions for preparing, cooking and serving a main course dish suitable for a vegetarian.
Outline the reasons for the increasing popularity of convenience vegetable products.

3. Describe (i) the structure and (ii) the functions of the spinal cord.
Explain how nerve impulses are transmitted around the body.
Give an account of the functioning of the autonomic nervous system.
Outline the role of the medulla oblongata in the body.

4. Give a detailed account of milk with reference to **each** of the following:
 - (i) nutritive and dietetic value;
 - (ii) **two** heat treatments that may be applied to milk during processing.Give directions for preparing, cooking and serving a savoury dish which incorporates the use of a milk based sauce. (Include full directions for making the sauce).
Describe the process involved in the manufacture of yoghurt.

SECTION 11 - SOCIAL

5. Identify and discuss the primary functions of the family.
Give an account of the effects of social and economic change on the modern family unit.
Write an informative account of **two** of the following:
- (i) The Family Home Protection Act 1976;
 - (ii) The Family Law (Maintenance of Spouses and Children) Act 1976;
 - (iii) The Domestic Violence Act 1996.
6. Discuss the difficulties that may be encountered by disabled people as they seek to be integrated into the community.
Give an account of how facilities and services have improved in order to meet the needs of people who are disabled.
Name and outline the role of a statutory body **or** a national voluntary organisation that provides specific support to disabled people.
7. Assess the merits of the following housing options: (i) buying a house **and** (ii) renting accommodation.
Discuss the factors that should be considered when choosing private rented accommodation.
Summarise the responsibilities of the landlord when providing accommodation for renting.
State the conditions that should be included in a lease.
8. Compile a set of guidelines that should be adhered to when heating the home in order to ensure energy efficiency.
Describe (i) the construction and (ii) the working principle of electric storage heaters.
Describe **two** safety features included in modern domestic electrical systems.
Evaluate the merits of under floor heating.
9. Summarise the general factors that should be considered when planning the design of a new kitchen.
Design and sketch the layout of a kitchen in a modern family home. The sketch should be clearly labelled indicating the position of all the large appliances and fittings.
Describe the extractor fan you would recommend for the kitchen under **each** of the following headings: (i) construction; (ii) working principle; (iii) care and cleaning.