

AN ROINN OIDEACHAIS AGUS EOLAIOCHTA

LEAVING CERTIFICATE EXAMINATION, 2002

HOME ECONOMICS (SCIENTIFIC AND SOCIAL)

ORDINARY LEVEL

FRIDAY, 7 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 1 – SCIENTIFIC

1. Report the findings of a study that you have carried out on carbohydrates under **each** of the following headings:
 - (i) classification and examples of each class;
 - (ii) structure;
 - (iii) functions;
 - (iv) main sources in the diet.Give details of **two** dietary problems associated with carbohydrate intake.

2. Give an account of the nutritive value of cheese.
Give some practical suggestions that would encourage teenagers to include cheese as part of their diet.
Using cheese as a main ingredient, give full directions for preparing, cooking and serving a hot snack suitable for teenagers.
Outline the stages involved in the manufacture of cheddar cheese.

3. Name the organs of the digestive system. Using a clearly labelled diagram, show the position of these organs in the body.
Give an account of (i) the structure and (ii) the functions of the stomach.
Explain the role of the following enzymes in the digestion of food:
 - (a) pepsin;
 - (b) lactase.

4. State the reasons why food is preserved.
Name **two** methods of food preservation suitable for use in the home. State the principle involved in any **one** of the methods you have named.
Using a fruit of your choice, give clear directions for preparing, making and potting a small quantity of jam. Describe how you would test the jam for setting point.

SECTION II – SOCIAL

5. Give an account of the functions of the family.
Describe the different types of family structure.
Outline how changes in society have affected the family.
Give a brief account of **one** organisation that offers support to families in times of need.
6. Write an informative account of any **two** of the following:
(i) the advantages and disadvantages of advertising;
(ii) the problems encountered by people with disability and the services available to help them overcome these problems;
(iii) the ways in which young people can make a positive input to life in their community;
(iv) the factors that contribute to homelessness and its effects on the individual.
7. Plan the layout of a bedroom for a teenager. Use a diagram to illustrate your answer.
Describe **(i)** the wall covering, **(ii)** the floor covering, **(iii)** the lighting and **(iv)** the soft furnishings you would select for the room. Give reasons for your choice in **each** case.
List the factors that should be considered when choosing curtain fabric for the home.
Suggest **two** fabrics suitable for bedroom curtains.
8. Outline the purpose of household ventilation and state the effects of bad ventilation.
Compile a set of guidelines that should be followed in order to prevent condensation in the home.
Recommend a method of ventilation suitable for a small under-stairs bathroom that has no window. Explain how this method of ventilation works.
9. List the factors that should be considered when choosing electrical appliances for a family home.
Give an account of the washing machine you would recommend for a family with young children. Refer to:
(i) type and size of appliance;
(ii) construction;
(iii) modern features;
(iv) cost.
State the importance of buying an appliance with a guarantee.