



Coimisiún na Scrúduithe Stáit
State Examinations Commission

Junior Certificate 2012

Marking Scheme

HOME ECONOMICS

Higher Level

WARNING

You must return this paper with your answerbook, otherwise marks will be lost.

EXAM NUMBER

FOR EXAMINER

 Section A
 Total Mark



Coimisiún na Scrúduithe Stáit State Examinations Commission

JUNIOR CERTIFICATE EXAMINATION 2012

HOME ECONOMICS

HIGHER LEVEL

FRIDAY 18 JUNE – AFTERNOON 2.00 – 4.30

Total Marks 300

CENTRE STAMP

**MARKING
SCHEME**

INSTRUCTIONS TO CANDIDATES

1. SECTION A - 80 marks.
Answer 20 (twenty) questions from Section A. All questions carry equal marks.
2. *Answer the questions in the space provided.*
3. The completed answer sheets for Section A must be returned to the examination superintendent.
4. SECTION B - 220 marks.
Answer 4 (four) questions from Section B. All questions carry equal marks.

Introduction

- The marking scheme is a guide to awarding marks to candidates' answers. It is a concise and summarized guide and is constructed in a way to minimise its word content.
- Examiners must conform to this scheme and may not allow marks for answering outside the scheme.
- The scheme contains key words or phrases for which candidates may be awarded marks. This does not preclude synonyms or phrases which convey the same meaning as the answer in the marking scheme.
- The scheme may include the words “any valid answer” and the Examiner will use his/her professional judgement to determine the validity of the answer. If in doubt, he/she should consult with his/her Advising Examiner before awarding marks.
- Where it comes to the attention of the Examiner that a candidate has presented a valid answer and there is no provision in the scheme for accepting this answer, then he/she must first consult with his/her Advising Examiner before awarding marks.
- The detail required in any answer is determined by the context and the manner in which the question is asked and by the number of marks assigned to the answer in the marking scheme. Requirements may therefore vary from year to year.

SECTION A
80 marks

80

Answer 20 (twenty) of the following questions. All questions carry equal marks.

1. Suggest **four** factors that could influence a person's choice of food. _____
4

(i) cost, culture, allergies

(ii) religion, availability

(iii) modern trends, time

(iv) climate, nutritional awareness

2. Name **four** foods that are a good source of high biological value protein. _____
4

(i) meat, milk (ii) fish

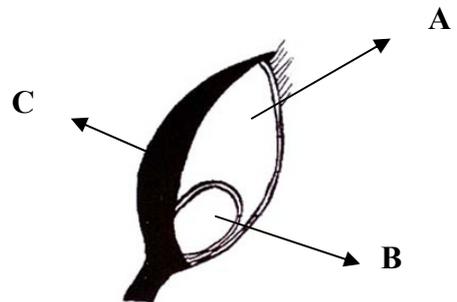
(iii) eggs, cheese (iv) yoghurt

3. Identify the parts of the cereal grain labelled A, B, and C. _____
4

A starchy endosperm

B germ

C outer husk (bran)



4. Name **two** food additives used in convenience foods. _____
4

(i) colourings, preservatives (ii) flavourings, sweeteners, stabilisers
emulsifier, antioxidants herbs, spices

5. Suggest **two** foods suitable for **each** of the following cooking methods. _____
4

COOKING METHOD	FOOD
(i) Stir frying	(i) <u>vegetables</u> (ii) <u>chicken, beef</u>
(ii) Poaching	(i) <u>egg, fruit</u> (ii) <u>fish</u>

6. Give **two** effects of cooking on fish.

4

(i) protein coagulates, becomes opaque, bacteria killed

(ii) vitamin destroyed, connective tissue dissolves

7. List **four** marketing techniques used in supermarkets.

4

(i) advertising, essentials at the back of shop

(ii) free samples, luxury goods at eye level

(iii) special offers, use of trolleys encouraged

(iv) slow music, associated goods kept together

8. Suggest **two** ways of saving money when shopping for a family.

4

(i) buy in bulk, use vouchers,

avail of special offers

(ii) shop around

make a list

9. What information does this symbol give to the consumer?

4

guaranteed Irish goods

quality marks

goods of a high standard



Name **one** item on which it is found copies

10. Explain **each** of the following:

4

(i) **impulse buying** buy now, think later. Buying on the spur of the moment.

Unplanned.

(ii) **loss leader** selling goods at a loss to encourage people into a shop

11. Give **four** guidelines that could be followed in order to promote healthy skin.

4

(i) eat a balanced diet, drink water

(ii) cleanse, tone and moisturise

(iii) eat lots of fruit and vegetables

(iv) keep out of strong sunlight, wear SPF

12. Explain **each** of the following:

4

(i) **embryo** a fertilised egg becomes an embryo

(ii) **fertilisation** when the male sperm and the female egg unite

13. Give **four** reasons why leisure is important for teenagers.

4

(i) reduce stress, make new friends

(ii) relieve boredom, learn something new

(iii) keeps your brain active

(iv) might keep you fit

14. How can **each** of the following be prevented?

4

(i) **body odour** regular washing, using an anti-perspirant, deodorant

use soap/shower gel to wash, clean underwear

(ii) **tooth decay** wash twice a day, use fluoride toothpaste,

reduce sugary foods

15. List **four** items suitable for composting.

4

(i) vegetable peelings

(ii) grass cuttings

(iii) tea bags, fruit

(iv) egg shells

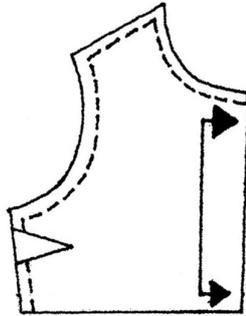
16. What actions should be taken in the event of a gas leak in the home? _____ 4
open all doors and windows, check the pilot light,
turn off gas at the mains, telephone the gas company
17. Give **two** benefits of insulation in the home. _____ 4
(i) *keeps the house warmer*
saves money on fuel bills
(ii) *keeps out noise*
18. Describe a suitable first aid procedure that should be followed when a person is choking. _____ 4
child – put the child face down over the knees and slap between the shoulder blades
adult – Heimlich manoeuvre
19. Explain **each** of the following fashion terms: _____ 4
(i) **accessories** *extras which complete an outfit eg belts, hats, jewellery,*
hair bands etc
(ii) **fashion trends** *changes in fashion*
20. List **four** functions of clothing. _____ 4
(i) *protection from weather, hygiene*
(ii) *identification, flattery*
(iii) *modesty, keep dry*
(iv) *expression of personality*

21. Give **two** ways in which yarn can be made into fabric.

(i) weaving

(ii) knitting

22. Explain the function of any **one** of the pattern markings shown in the diagram.



4

Function dart – to give shape to a garment

seam allowance, indicates fold of fabric

4

23. List **four** properties of textiles that are suitable for children's clothing.

4

(i) warm, soft

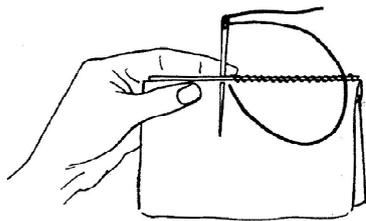
(ii) absorbent, stretchy

(iii) cool, strong

(iv) easy to wash/dry/iron

24. Name the stitch shown in the diagram and suggest **one** use for it.

4



Use to join edges

Stitch Top sewing



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HOME ECONOMICS

HIGHER LEVEL

FRIDAY 15 JUNE - AFTERNOON 2.00 - 4.30

SECTION B (220 MARKS)

INSTRUCTIONS TO CANDIDATES

Answer **4 (FOUR)** questions from this section.
All questions carry equal marks.

SECTION B
220 MARKS

1. The following information is displayed on the label of Fruit Smoothie Drink.

Fruit Smoothie Drink
Apples and Berries

NUTRITIONAL INFORMATION

GDA for a typical adult

Typical value per 100ml serving

Energy	56 kcal	2000kcal
Protein	0.4g	
Carbohydrate	14.0g	90g
Fat	3.0g	70g
Fibre	0.6g	35g
Vitamin C	40.0mg	

Use within 2 days of opening



INGREDIENTS

Pasteurised whole milk,
apples, raspberries,
strawberries, blueberries.

One of your 5 a day

- (a) Evaluate the nutritive value of the Fruit Smoothie Drink. 6x3 18
Expect reference to the six nutrients listed in the table
Name of nutrient and quantity = 1mark
Name of nutrient and comment = 3marks
- (b) (i) What is meant by the term **whole milk**? 2
Full-fat milk, milk that has had nothing taken from it 4
- (ii) Why is milk pasteurised? 2
to kill bacteria, to increase shelf life.
- (c) Explain the term **GDA**. 8
Guideline Daily Amounts
GDA's are recommended by nutritionists as a guide re portion size
GDA's can be adjusted according to age, weight, build and lifestyle
- (d) This drink contains '**one of your 5 a day**'. 3x3 9
 Suggest ways in which an adult can make up the recommended five-a-day.
Add fruit to breakfast cereal, add salads to sandwiches,
Drink fruit juice, Add chopped fruit to yoghurt,
Use fruit in desserts, Have vegetable sticks as snack with a dip,
Add fruit to curries, Serve stir-fry vegetables as an accompaniment,
- (e) Name **two** milk products, other than smoothies, that are available in supermarkets 2x2 4
cream, yoghurt, butter, cheese.
- (f) Give **two** uses of milk and **two** uses of fruit in food preparation. 4x3 12
Milk: Add to breakfast cereal, making sauces, pancakes, custard,
Baking scones, hot chocolate, smoothie, milk shake.
In savoury dishes, puddings,
Fruit: in desserts, in sauces, as a starter, in savoury dishes,
In drinks, eaten raw as a snack, in jams and chutney,
In salad, as juice,

2. BREAKFAST

- (a) Give **three** reasons why breakfast is important. 3x3 9

*Aids concentration,
Helps the prevention of accidents,
More efficient work,
Prevents headaches and tiredness*

- (b) List the guidelines that should be followed when planning a breakfast menu. 5x2 10

*consider nutrition, include variety of flavour/colour,
time available, use foods in season,
include fruit or fruit juice, include high fibre breakfast cereal,
drinks should be offered- tea/coffee/milk,
consider time available, include a protein food in main course,
mention dairy spreads, grill instead of fry.*

- (c) (i) Design **three** different breakfast menus suitable for a school going teenager. 3x5 15

menu 1: juice, breakfast cereal with milk, brown bread/toast, tea/coffee

*menu 2 : juice, breakfast cereal with milk,
traditional grill(rashers, sausages, tomato, egg), toast, tea/coffee*

menu 3: juice, croissant, danish pastry, cold meats, cheese, tea/coffee/hot chocolate

- (ii) Give reasons for your choice of menus. 3x3 9

*expect a reason for each of the three menus designed
Quick and easy, filling, lots of variety, traditional, continental,*

- (d) Suggest **four** healthy eating guidelines that should be followed to reduce the risk of obesity. 4x3 12

*increase fibre,
increase intake of fruit and vegetables (5 a day)
have 2 litres of water
reduce sugar,
reduce saturated fat,
reduce alcohol,*

3. CONSUMERS

(a) (i) What is a consumer? 3

a consumer is anyone who buys goods or uses services

(ii) Give **three** examples of services available to consumers. 3x1 3

*hairdresser, doctor, plumber, solicitor, mobile phone provider,
tv channels, library, internet provider, painter,*

(b) Outline **four** consumer rights and **four** consumer responsibilities. 24

consumer rights: choice, value for money, safety 4x3
accurate information, redress

responsibilities: know your rights, be informed, 4x3
*examine goods before purchase, follow instructions,
be environmentally aware,*

(c) (i) Name **three** methods of payment that can be used when shopping. 3

cash, debit card, credit card, cheque 3x1

(ii) Give **one** advantage and **one** disadvantage of **each** of the **three** methods of payment you have named. 12

Advantages: cash: quick and easy 3x2
Debit card: quick, can get cash back
Credit card: safe, useful for online shopping
Cheque: safe, useful for post,

Disadvantages: cash: can be stolen, might not have enough 3x2
Debit card: need current account,
Credit card: high interest, easy to overspend
Cheque: must have money in account

(d) Name **one** consumer law **and** state how it protects consumers. 10

Law: Sale of goods and Supply of Services Act 1980 5
Consumer Information Act 1978
Consumer Protection Act 2007

Protection: 5
Sale of goods: merchantable quality, fit for purpose, as described, conform to sample
Consumer info: against misleading claims made about goods, services, prices

5. ROOM PLAN/HEATING

- (a)** List the factors that should be considered when planning a sitting room. 12

*size and shape of the room, traffic flow, function of the room, 4x3
position of the doors and windows, aspect of the room, cost,
colour, furniture needed, storage, fittings, lighting, heating,*

- (b)** Draw the floor plan of a sitting room, indicating the position of: 14
(i) the window(s), **(ii)** the door(s), **(iii)** the heat source, **(iv)** lighting and **(v)** furniture.

*Room plan = 4
Labelling of window, door, heat, light, furniture = 10*

- (c)** Outline the benefits of using a central heating system in the home. 2x3 6

*the whole house is heated to a comfortable temperature,
often heats the water,
rooms can be individually heated,
operated with a timer which can be set,
boiler often outside the house so less noisy*

- (d) (i)** List **three** fuels used for home heating. 3x2 6

oil, gas, electricity, solid fuel (coal, briquettes, turf), sunlight

- (ii)** Give **one** advantage of using **each** type of fuel listed. 3x3 9

*Oil: clean, efficient, easy to use, no ashes
Gas: clean, efficient, easy to use, no ashes, easy bill payment options,
Electricity: clean, efficient, easy to use, no fumes, east to regulate
Solid fuel: pleasant to look at,
Sunlight: clean, fairly cheap to run, no fumes or ashes*

- (e)** Suggest **four** ways of saving energy when heating the sitting room. 8

*turn down the thermostat, insulate the house, 4x2
use a timer, keep doors closed, use heavy curtains,
turn down/off heat in unused rooms, service boiler,*

6. CASUAL SUMMER TOP

- (a) List the guidelines that should be considered when buying casual summer clothing.

Washable, comfortable, absorbent, hard-wearing, 4x3 12
Easy to dry, stretchy, available in a variety of colours,
Fashionable, easy to iron, cost,

- (b) Name a fabric you would choose for making a casual summer top and give **three** reasons for your choice. 12

Name fabric: cotton, polycotton, linen 3

Reasons: cheap, available in many different colours, 3x3
Easy to work with, width of fabric, washable,
Easy to dry, lightweight,

- (c) Sketch **and** describe the casual summer top you would make. 18

sketch: 6 marks

description: 12 Marks
include features incl design, colour, shape, finishes

- (d) Suggest a seam finish that you could use when making this garment. 4

flat seam, zig-zag machining, edge machining, pinking shears

- (e) What information should be included on a care label that could be attached to the casual summer top you have made? 3x3 9

must be appropriate to the chosen fabric
include washing, drying and one other care point (ironing etc)
symbol not essential

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