



Coimisiún na Scrúduithe Stáit  
State Examinations Commission

**JUNIOR CERTIFICATE 2011**

**MARKING SCHEME**

**HOME ECONOMICS**

**ORDINARY LEVEL**

EXAM NUMBER

Total  
Mark



**Coimisiún na Scrúduithe Stáit**  
**State Examinations Commission**

**JUNIOR CERTIFICATE EXAMINATION 2011**

**HOME ECONOMICS**

**ORDINARY LEVEL**

**FRIDAY 17 JUNE – AFTERNOON 2.00 – 4.00**

**Total Marks 240**

**INSTRUCTIONS TO CANDIDATES**

1. SECTION A - 80 marks.  
Answer 16 (sixteen) questions from Section A.  
All questions carry equal marks.
2. SECTION B - 160 marks.  
Answer 4 (four) questions from Section B.  
All questions carry equal marks.
3. *Answer the questions in the space provided.*

**Marking  
Scheme**

**For examiners use only**

QUESTION	MARK
Section A (Total)	
Section B1	
2	
3	
4	
5	
6	
<b>TOTAL →</b>	
<b>GRADE→</b>	

1. Total of end of page totals	
2. Aggregate total of disallowed questions	
3. Total mark awarded (1 minus 2)	
4. Bonus mark for answering through Irish	
5. Total mark awarded through Irish (3+4)	
Note: The mark in row 3 (or row 5 if an Irish Bonus is awarded) must equal the mark in the <b>Total Mark</b> box above.	

# Introduction

- The marking scheme is a guide to awarding marks to candidates' answers. It is a concise and summarised guide and is constructed in a way to minimise its word content.
- Assistant 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 Assistant 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 Assistant 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 16 (sixteen) of the following questions. All questions carry equal marks.

1. List **two** sources of calcium in the diet. 5
- (i) Milk, cheese, yoghurt, dairy products      (ii) Green vegetables, tinned fish, flour, hard water.

2. Suggest **three** ways of reducing the intake of salt in the diet. 5
- (i) Use herbs, spices and pepper to season foods; avoid instant and convenient foods.
- (ii) Choose fresh meat and vegetables instead of processed foods.
- (iii) Reduce amount of salt at the table and during cooking.

3. Place **each** of the fruits listed below under the correct heading: 5
- strawberries   plums   blackberries   lemons   peaches   oranges**

CITRUS	BERRIES	STONE
lemons	blackberries	plums
oranges	strawberries	peaches

4. Indicate with a tick [✓] whether **each** of the following statements is true **or** false. 5

	TRUE	FALSE
(i) Fish is a good source of carbohydrate.		✓
(ii) A lack of iron in the diet can cause anaemia.	✓	
(iii) Calcium is important for healthy bones and teeth.	✓	

5. Give **three** reasons for cooking food. 5
- (i) Makes many foods easier to digest; makes food safer to eat as harmful bacteria are killed;
- (ii) Develops/improves the colour, appearance and flavour of many foods;
- (iii) Helps preserve food so that it lasts longer.

6. Tick [✓] whether the following are goods or services.

	GOODS	SERVICES
Food	✓	
Public transport		✓
Library		✓
Clothes	✓	
Evening classes		✓

5

7. Give **two** reasons why barcodes are used.

5

- (i) Quicker than individual pricing at checkout; they give details of products bought, size and brand;
- (ii) They help the retailer with stock control and re-ordering; make receipts more accurate.

8. What information does this symbol convey to the consumer?

5

It indicates that the product/service has reached a  
high standard of quality. It is awarded by the  
Irish Quality Control Association.  
\_\_\_\_\_



9. List **four** guidelines that consumers should follow when shopping.

5

- (i) Make a list and follow it to save time and avoid impulse buying; avoid shopping when tired/hungry;
- (ii) Shop around and compare prices and value for money; look for quality and freshness;
- (iii) Avail of special offers; keep receipts; check weight, sizes and date stamping;
- (iv) Check for clean, hygienic shops and practices; bring a shopping bag.

10. Choose the correct word from the following list to complete (i) and (ii) below.

5

**redress      guarantee      date mark**

- (i) A date mark is used on foods with a short shelf life.
- (ii) A consumer has a right to redress if goods are faulty.

11. Tick[✓] the correct answer.

Excretion is

- (i) the exchange of gases in the lungs.
- (ii) the removal of waste from the body.
- (iii) an uncontrollable craving for a drug.

5

12. Explain the term *good mental health*\_\_\_\_\_

5

It means feeling positive and having the ability to cope with the demands of everyday life;

Having high self-esteem and being able to deal with emotions in a positive way.

13. Give **two** advantages of taking part in team sports.

5

(i) Participants have the chance to meet and make new friends while exercising / having fun;

(ii) It involves individuals working together to achieve a goal; promotes a competitive spirit.

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

5

(i) **organic waste** Waste that breaks down naturally in the environment (biodegradable);

It includes human (sewage) and natural waste materials.

(ii) **inorganic waste** Waste that cannot be broken down easily but can be collected and

recycled, e.g. metal, glass, delph, plastic or goes to landfill.

15. Suggest **three** ways of saving energy in the home.

5

(i) Choose energy saving appliances and light bulbs; switch off lights when not needed;

(ii) Insulate house well; use a lagging jacket; turn down heating thermostats;

(iii) Do not waste water; fix leaks; do not wash under running water.

16. Why is chlorine added to the public water supply? It is added to kill bacteria that may

5

be present in the water in order to make it safe for use

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

5

It is a wool symbol and indicates

100% pure wool. It is the WOOLMARK.



18. Indicate with a tick [✓] whether **each** of the following statements is true **or** false.

5

	TRUE	FALSE
(i) Waterproofing prevents water getting through fabric.	✓	
(ii) An anti-static finish prevents fabric from shrinking.		✓
(iii) Cotton is a natural fibre.	✓	

19. Name **two** embroidery stitches and suggest a different use for **each** one named.

5

EMBROIDERY STITCH	USE
(i) Stem stitch, chain stitch (Accept all correct embroidery stitches, hand and machine)	(i) Used to outline shapes/designs Used to give a decorative effect.
(ii) Satin stitch Long and short stitch French knots	(ii) Used to fill shapes / designs; Gives a shaded effect to shapes / designs.

20. Give a reason why **each** of the following faults may occur when using a sewing machine.

5

- (i) needle breaks Upper tension too tight; needle too fine; needle bent or incorrectly inserted; loose presser foot; fabric pulled roughly during or after sewing
- (ii) looped stitches Upper tension too loose; incorrect threading of machine; bobbin incorrectly threaded

**SECTION B**  
**160 marks**

40

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

1. Cheese is an important food in the diet.

- (a) Name **three** nutrients found in cheese and give **one** function of **each** nutrient named. (3 x 2) (3 x 3) 15

NUTRIENT	FUNCTION
(i) Protein	(i) Growth and repair of body cells; forms hormones and enzymes; produces heat and energy
(ii) Fat	(ii) Provides heat and energy; insulates the body; protects delicate organs; Vit A,D,E,K
(iii) Calcium	(iii) Healthy bones and teeth
(iv) Vitamin A	(iv) Eyesight
(v) Vitamin D	(v) Healthy bones and teeth

- (b) Name **one** nutrient **not** found in cheese. Carbohydrate, Vit C (1 x 3) 5

Suggest **one** food that could be served with cheese in order to supply this nutrient.

Bread, crackers, crisps, pasta, fruit, vegetables (1 x 2)

- (c) Suggest **four** different uses of cheese. (4 x 2) 8

(i) As a main ingredient – lasagne, pizza, quiche

(ii) In desserts – cheesecake, cheeseboard

(iii) In sandwiches, in baking, in sauces, as a garnish, as a snack

(iv) As a filling –baked potatoes, omelettes

- (d) List the guidelines that should be followed when (i) buying **and** (ii) storing cheese. 12

**Buying** (i) Check date stamp, expiry date (4 x 3)

(ii) Vacuum-packed should be fully sealed

**Storing** (i) Cover, seal and store in the refrigerator

(ii) Store in a polythene bag/container

2. Soup can be an attractive start to a meal.

- (a) Give **three** reasons why soup is served as part of a meal. (3 x 4) 12
- (i) It stimulates the appetite; it aids digestion when used as a starter
- (ii) It adds nourishment – vitamins, mineral, fibre
- (iii) It adds variety and colour to a meal, gives comfort/warmth
- (b) Name your favourite soup and suggest an accompaniment to serve with it. 6
- Soup Accept all correctly named soups Name = 3
- Accompaniment Bread, rolls, dinner buns, toast, melba toast Acc = 3
- (c) List **four** of the main ingredients used in the soup you have named. (4 x 2) 8
- (i) Vegetables, meat, fish (ii) Stock, water, liquid
- (iii) Thickening ingredient (iv) Seasonings, herbs
- (d) Convenience soups can be bought dried and in cartons. 8
- Give **one** advantage and **one** disadvantage of **each** one.
- Dried Soup** (2 x 2)
- Advantage Saves time, labour and fuel; little cooking skill needed;  
easy to store; adds variety to the diet
- Disadvantage May be inferior in colour, flavour and food value; often high in salt, low in fibre;  
may contain a lot of additives; needs water added before cooking
- Soup in a carton** (2 x 2)
- Advantage No cooking skills required; may be available in ‘healthy options’;  
available in different servings; no waste; useful in emergencies
- Disadvantage Can be expensive to buy; instructions must be followed carefully for  
good results
- (e) Suggest **two** garnishes suitable for soup. (2 x 3) 6
- (i) Chopped parsley, chives, herbs (ii) Croutons, cream, julienne strips

3. (a) Indicate with a tick [✓] whether **each** of the following statements is true **or** false.

(3 x 2)

40

	TRUE	FALSE
(i) a budget is a benefit paid to an unemployed person.		✓
(ii) a budget is the total amount of money earned before deductions are made.		✓
(iii) a budget is a plan for managing money.	✓	

6

(b) List **three** reasons why it is important to budget.

(3 x 3)

9

- (i) Financial security is provided; allowance is made for major expenses
- (ii) Overspending is highlighted; maximum use is made of income
- (iii) Allows for savings; fewer financial worries

(c) Give **three** points of information that should be considered when planning a budget. (3 x 4)

- (i) Work out the total income, including wages/salary, social allowances....
- (ii) Identify all areas of expenditure
- (iii) Decide to budget on a weekly/monthly basis; allow a % to each area of expense  
Allow for savings; evaluate regularly

12

(d) Explain what is meant by the term *credit buying*.

7

'Buy now, pay later' The consumer has use of the item before it is fully paid for  
Item may be paid by credit card, hire purchase, loan

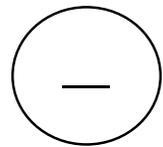
(e) Give **two** disadvantages of credit buying.

(2 x 3)

6

- (i) It costs more as interest is charged
- (ii) It encourages consumers to buy more than they may be able to afford; it can lead to debt

4. (a) Give **three** reasons why it is important to have healthy teeth. (3 x 3)



- (i) Add to good general appearance and smile
- (ii) Enable clear speech
- (iii) Help digest food properly; contribute to good health

9

(b) An adult has four different types of teeth. Each type has a different function.

Match the correct function to **each** type of tooth listed. (4 x 2)

**incisors    canines    premolars    molars**

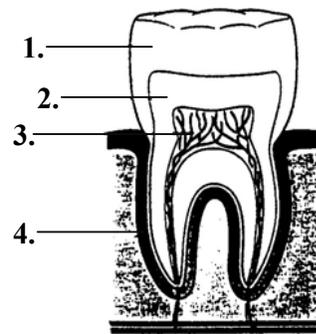
- Chewing food   **premolars**
- Grinding food   **molars**
- Biting food   **incisors**
- Tearing food   **canines**

8

(c) Name the parts of the tooth labelled 1, 2, 3 and 4.

- 1. Enamel
- 2. Dentine
- 3. Pulp cavity (blood vessels and nerves)
- 4. Cementum

(4 x 2)



8

(d) List the guidelines that should be followed when caring for the teeth and gums.

- Brush regularly at least twice a day and after eating; use fluoride toothpaste and a good quality toothbrush
- Eat foods rich in calcium and Vit. D; avoid snacks and drinks high in sugar;
- Visit the dentist regularly

7

(e) Name **four** oral hygiene products. (4 x 2)

- (i) Fluoride toothpaste
- (ii) Dental floss
- (iii) Antiseptic mouthwash
- (iv) Disclosing tablets

8

5. You have been asked to plan and redecorate a teenager's bedroom.

40

(a) List **four** guidelines that you would follow when planning the layout of the room.

- (i) Consider the likes/dislikes of the teenager; cost; style (4 x 2)
- (ii) Function of the room: traffic flow
- (iii) Consider existing fixtures and fittings; plan storage
- (iv) Make good use of available space

8

(b) Draw the floor plan of the teenager's bedroom in the space below.  
Sketch the position of the furniture, fixtures and fittings.

Plan = 6

*Floor plan*

F, F + F = 6 (3 x 2)

12

(c) Describe how a leisure activity could be accommodated in the room.

Accept all correct references to leisure activities - music, reading, games....

8

(d) Suggest (i) a wall finish (ii) a floor covering and (iii) lighting suitable for the bedroom. Give a reason for your suggestion in **each** case.

(6 x 2)

12

- (i) Wall finish Paint / wallpaper  
Reason \_\_\_\_\_
- (ii) Floor covering Wood, carpet, vinyl  
Reason \_\_\_\_\_
- (iii) Lighting Central fitting; bedside/study lamp; novelty lighting  
Reason \_\_\_\_\_

6. (a) Give **three** reasons why care labels are attached to textiles.

(3 x 3)

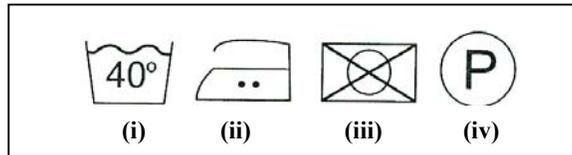
- (i) It tells us how to properly care for clothes
- (ii) It shows the correct washing programme, drying instructions
- (iii) Ironing temperatures, dry cleaning instructions; bleaching instructions

9

(b) Explain what **each** symbol means on the following care label.

(4 x 2)

8



- (i) Maximum wash, 40 degrees Celsius
- (ii) Warm iron
- (iii) Do not tumble dry
- (iv) Dry clean

(c) Name, sketch and describe an item of clothing you have made as part of Textile Studies in school.

15

**Name** Item of clothing (3)

**Description** Expect reference (7)

to colour, design

decorative features and

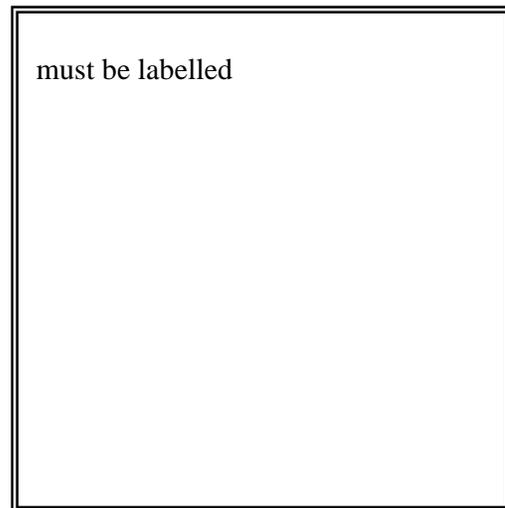
stitches used

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Sketch (5)**



(d) List **four** pieces of equipment you used to make up and finish the item of clothing. (4 x 2) 8

- (i) Scissors, thread, needles, pins
- (ii) Sewing machine
- (iii) Measuring tape
- (iv) Iron, ironing board