



Coimisiún na Scrúduithe Stáit
State Examinations Commission

Junior Certificate 2016

Marking Scheme

Home Economics

Ordinary Level

Note to teachers and students on the use of published marking schemes

Marking schemes published by the State Examinations Commission are not intended to be standalone documents. They are an essential resource for examiners who receive training in the correct interpretation and application of the scheme. This training involves, among other things, marking samples of student work and discussing the marks awarded, so as to clarify the correct application of the scheme. The work of examiners is subsequently monitored by Advising Examiners to ensure consistent and accurate application of the marking scheme. This process is overseen by the Chief Examiner, usually assisted by a Chief Advising Examiner. The Chief Examiner is the final authority regarding whether or not the marking scheme has been correctly applied to any piece of candidate work.

Marking schemes are working documents. While a draft marking scheme is prepared in advance of the examination, the scheme is not finalised until examiners have applied it to candidates' work and the feedback from all examiners has been collated and considered in light of the full range of responses of candidates, the overall level of difficulty of the examination and the need to maintain consistency in standards from year to year. This published document contains the finalised scheme, as it was applied to all candidates' work.

In the case of marking schemes that include model solutions or answers, it should be noted that these are not intended to be exhaustive. Variations and alternatives may also be acceptable. Examiners must consider all answers on their merits, and will have consulted with their Advising Examiners when in doubt.

Future Marking Schemes

Assumptions about future marking schemes on the basis of past schemes should be avoided. While the underlying assessment principles remain the same, the details of the marking of a particular type of question may change in the context of the contribution of that question to the overall examination in a given year. The Chief Examiner in any given year has the responsibility to determine how best to ensure the fair and accurate assessment of candidates' work and to ensure consistency in the standard of the assessment from year to year. Accordingly, aspects of the structure, detail and application of the marking scheme for a particular examination are subject to change from one year to the next without notice.



Coimisiún na Scrúduithe Stáit State Examinations Commission

JUNIOR CERTIFICATE EXAMINATION 2016

HOME ECONOMICS

ORDINARY LEVEL

MARKING SCHEME

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.*

SECTION A
80 marks

80

Answer 16 (sixteen) of the following questions. All questions carry equal marks.

1. List **two** sources of starch in the diet.

- (i) *bread, breakfast cereals, potatoes, rice*
- (ii) *vegetables, pasta, etc*

5

2. Give **two** functions of water.

- (i) *body fluids, removes waste,*
- (ii) *A source of calcium and fluoride, temperature control, hydration*

5

3. State **three** points to consider when choosing foods.

- (i) *nutrition, special diets, number of people*
- (ii) *money, climate, expiry date,*
- (iii) *ability to cook, occasion, likes and dislikes etc*

5

4. Place **each** of the cheeses listed below under the correct headings.

cheddar cheese triangles cream cheese parmesan cottage cheese

HARD	SOFT	PROCESSED
<i>cheddar</i>	<i>cream cheese</i>	<i>cheese triangles</i>
<i>parmesan</i>	<i>cottage cheese</i>	

5

5. Indicate with a tick [✓] whether **each** statement is true **or** false.

	True	False
(i) Obesity means being overweight.	✓	
(ii) A high sugar diet causes anaemia.		✓
(iii) Some vegetarians eat dairy products.	✓	

5

6. Choose the correct word from below to complete **each** of the following sentences.

good service

(i) A dentist is an example of a consumer service

(ii) A book is an example of a consumer good

5

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

Indicates that the product/service has reached a high standard of quality. It is awarded by the Excellence Ireland Quality Association.



5

8. Name **four** expenses that should be included in a household budget.

Expenses

(i) <u>housing (rent/ mortgage)</u>	(ii) <u>food, clothes, transport,</u>
(iii) <u>household bills, education</u>	(iv) <u>childcare, savings, etc</u>

5

9. Give **two** functions of packaging.

(i) *Advertising, ease of storage, protects items, marketing,*

(ii) *Preserves food, provides information/ instructions,*

5

10. Indicate with a tick [✓] whether **each** statement is true **or** false.

	True	False
(i) Gross income is take home pay after deductions.		✓
(ii) Impulse buying is buying on the spur of the moment.	✓	
(iii) Buying on credit means 'buy now, pay later'.	✓	

5

11. Suggest **three** guidelines to help a teenager treat acne.

- (i) *Drink plenty of water, cleanse, tone, moisturise*
- (ii) *Avoid fatty foods, sugary foods/fizzy drinks*
- (iii) *Do not squeeze spots, use a medicated soap, prescribed medication*

12. Tick [✓] the correct answer below.

Moral development is:

- (i) learning how to manage and deal with feelings.
- (ii) knowing what is right or wrong.
- (iii) the growth in weight and height of children.

13. Give **three** advantages of regular exercise.

- (i) *Weight control, aerobically fit, positive self-image,*
- (ii) *Reduce stress, positive mental health,*
- (iii) *Healthy heart, lungs, good muscle tone*

14. Choose the correct word from the list below to complete **each** of the following sentences.

chlorine

filtration

fluoride

- (i) _____ *fluoride* _____ can be added to water to strengthen teeth.
- (ii) Water has _____ *chlorine* _____ added to kill bacteria.
- (iii) _____ *filtration* _____ helps to remove dust and impurities.

15. State **three** points to consider when choosing a family home.

- (i) *Cost, local amenities*
- (ii) *Location,*
- (iii) *Style, size, layout, etc*

16. Indicate with a tick [✓] whether **each** statement is true **or** false.

		True	False
(i)	A burn is caused by wet heat.		✓
(ii)	The aim of first aid is to preserve life.	✓	
(iii)	The emergency phone number in Ireland is 555.		✓

5

17. Give **two** functions of clothing.

- (i) *Protection from the weather, modesty, self-expression,*
- (ii) *Identification, safety, religious reasons etc*

5

18. Suggest **two** different uses of cotton.

- (i) *Clothes, towels, soft furnishings,*
- (ii) *sheets, curtains etc*

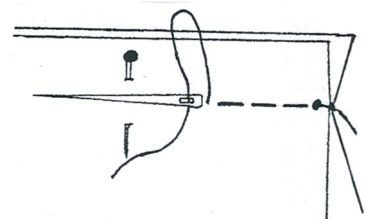
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19.

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

Stitch *Tacking stitch*

Use *Temporary stitch to hold two pieces of fabric together while being stitched.*



5

20. Indicate with a tick [✓] whether **each** statement is true **or** false.

		True	False
(i)	Silk is a man-made fibre.		✓
(ii)	Embroidery is used to decorate fabric.	✓	
(iii)	Loose tension on a sewing machine can cause looped stitches.	✓	

5

SECTION B
160 marks

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

1. (a) State the function of the following nutrients found in milk. (3 x 4)

NUTRIENT	FUNCTION
Calcium	<i>To build strong bones and teeth</i>
Protein	<i>Growth and repair of body cells</i>
Fat	<i>Heat and energy</i>

12

- (b) Milk is a good source of calcium. Name **two** other sources of calcium. (2 x 4)

8

- (i) *cheese, yoghurt, tinned fish* (ii) *hard water, beans, cereals*

- (c) Match **each** type of milk with the most suitable special diet. (4 x 2)

8

full-fat milk soya milk low-fat milk fortified milk

SPECIAL DIET	MILK
Obesity	<i>low fat milk</i>
Osteoporosis-bone disease	<i>fortified milk</i>
Vegetarian- strict vegan	<i>soya milk</i>
Young children	<i>full-fat milk</i>

- (d) Give **two** effects of heat on milk. (2 x 2)

4

- (i) *Flavour changes, protein coagulates, skin forms*

- (ii) *Bacteria are destroyed, loss of vitamin B and C*

- (e) Suggest **four** ways to include more dairy products in a teenager's diet. (4 x 2)

8

- (i) *Drink a glass of milk, include milk in breakfast cereals,*

- (ii) *Cheese on a pizza, quiche,*

- (iii) *Lasagne, use cheese as a garnish, cheese as a topping for pasta*

- (iv) *Pancakes, rice puddings, smoothies*

2. **Healthy Eating Guidelines suggest we eat five or more servings of fruit and vegetables a day.**

- (a) Suggest a different vegetable for **each** of the following groups. (4 x 3)

12

GROUPS	VEGETABLE
Roots/tubers	<i>Potato, carrot, parsnip, turnip, onion</i>
Greens	<i>Cabbage, broccoli, lettuce, brussels sprouts</i>
Pulses	<i>Peas, beans, lentils</i>
Fruits	<i>Pepper, cucumber, tomato, courgette, aubergine</i>

- (b) List **three** points to follow when buying vegetables. (3 x 2)

6

- (i) *Buy in season,*
(ii) *Buy undamaged, heavy for size*
(iii) *Avoid pre-packed vegetable, ,check date stamp, undamaged package. etc*

- (c) Name **two** different methods of cooking vegetables. (2 x 4)

8

- (i) *boiling, steaming, grilling* (ii) *stir-frying, roasting, microwaving*

- (d) Explain the following terms: (2 x 4)

8

In season vegetables *The time of year that vegetables are at their best, cheapest,*

Organic vegetables *Vegetables that are grown naturally without the use of artificial fertilisers*

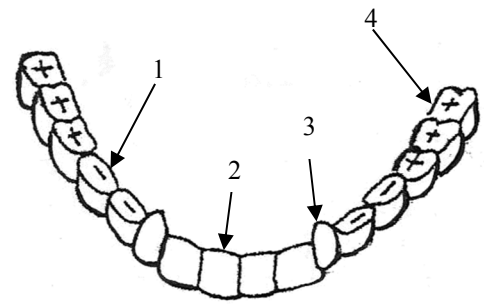
- (e) Name **two** ways to garnish vegetable soup. (2 x 3)

6

- (i) *herbs – parsley, croutons* (ii) *bread, vegetables julienne, cream, grated, cheese*

4. (a) Name the types of teeth labelled 1, 2, 3 and 4. (4 x 3)

1. *Pre-molar*
2. *Incisor*
3. *Canine*
4. *Molar*



12

(b) Name **four** foods can help build strong teeth?

(2 x 3)

FOODS	BUILD STRONG TEETH
Yogurt	✓
Fizzy drinks	
Doughnuts	
Tuna	✓

6

(c) State **two** reasons why it is important to have healthy teeth.

(2 x 4)

- (i) *Attractive appearance,*
- (ii) *Good speech, avoid gum disease*

8

(d) Choose the correct word listed below to complete **each** of the following sentences.

(3 x 2)

6 months avoid teeth

- (i) Never use teeth to open products.
- (ii) It is best to avoid sugary foods and drinks.
- (iii) Visit the dentist every 6 months.

6

(e) Name **four** oral hygiene products.

(4 x 2)

- (i) Dental floss,
- (ii) Mouthwash
- (iii) Toothpaste, Toothbrush
- (iv) Disclosing tablets

8

5. (a) Give **three** guidelines to follow when buying a refrigerator. (3 x 4)

- (i) Cost, buy from a reliable store, brand
- (ii) Size, guarantee provided,
- (iii) Special features, etc

12

(b) State **three** points to follow when using **and** cleaning a refrigerator. (6 x 2)

12

USING	<p>(i) <u>Never place hot food in refrigerator,</u></p> <p>(ii) <u>Cover food, placement of food,</u></p> <p>(iii) <u>Close door after use, do not over-pack, etc</u></p>
CLEANING	<p>(i) <u>Remove all food,</u></p> <p>(ii) <u>Remove all parts,</u></p> <p>(iii) <u>Clean and rinse with warm water, use bread soda etc</u></p>

(c) Name **two** modern features of a refrigerator. (2 x 2)

- (i) Integrated fridge, ice maker (ii) drinks dispenser, movable shelves

4

(d) Tick [✓] which of the following foods are **unsuitable** for freezing. (3 x 2)

6

FOODS	UNSUITABLE FOR FREEZING
Banana	✓
Whole egg	✓
Meat	
Lettuce	✓

(e) How would you safely dispose of an old refrigerator? (1 x 6)

6

Bring to a special collection point to recycle electrical goods, bring to an electrical shop

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

<p>Name _____ (2)</p> <p>Description _____ (2x 3)</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>Sketch</p> <div style="border: 1px solid black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> <p>(6)</p> </div>	<hr style="border: 0.5px solid black;"/> <p>14</p>
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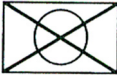

(b) Give **three** points to consider when washing clothes. (3 x 2)

- (i) Sort clothes according to colour,
- (ii) Empty pockets,
- (iii) Check care label, remove any stains, etc

6

(c) Choose the correct word from the list below to match **each** care label symbol. (4 x 3)

- do not bleach
warm iron
do not tumble dry
hand wash only

CARE LABEL SYMBOL	INSTRUCTION
	<i>hand wash only</i>
	<i>do not bleach</i>
	<i>do not tumble dry</i>
	<i>warm iron</i>

12

(d) Explain the purpose of **each** of the following when washing clothes. (2 x 4)

- (i) **Detergent** Help to remove dirt and stains from clothes
- (ii) **Fabric Conditioner** Help to soften clothes, reduce static, reduce wrinkling

8

