

**WARNING**

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

**FOR EXAMINER**

EXAM NUMBER

Total No.  
of Marks


# Coimisiún na Scrúduithe Stáit State Examinations Commission

## JUNIOR CERTIFICATE EXAMINATION 2004

### HOME ECONOMICS

### HIGHER LEVEL

*FRIDAY 18 JUNE – AFTERNOON 2.00 – 4.30*

**Total Marks 300**

**CENTRE STAMP**

<b>For examiners use only</b>		
<b>QUESTION</b>		<b>MARK</b>
Section A (Total)		
Section B	1	
	2	
	3	
	4	
	5	
	6	
<b>TOTAL</b>	<b>→</b>	
<b>GRADE</b>	<b>→</b>	

**INSTRUCTIONS**

1. Section A - 80 marks.  
Answer (twenty) 20 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 supervisor.
4. Section B - 220 marks.  
Answer (four) 4 questions from Section B;  
all questions carry equal marks.

**SECTION A**  
**80 marks**

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

1. List **four** foods that have a high sugar content.

- (i) \_\_\_\_\_ (ii) \_\_\_\_\_  
(iii) \_\_\_\_\_ (iv) \_\_\_\_\_

2. Name **two** nutrients under **each** of the following headings:

MACRONUTRIENTS	MICRONUTRIENTS
(i)	(i)
(ii)	(ii)

3. Explain **each** of the terms listed below:

- (i) **shelf life** \_\_\_\_\_  
\_\_\_\_\_  
(ii) **perishable** \_\_\_\_\_  
\_\_\_\_\_

4. List the **four** tastes that can be sensed by the tastebuds on the tongue.

- (i) \_\_\_\_\_ (ii) \_\_\_\_\_  
(iii) \_\_\_\_\_ (iv) \_\_\_\_\_

5. Give **two** effects of cooking on vegetables.

- (i) \_\_\_\_\_  
(ii) \_\_\_\_\_

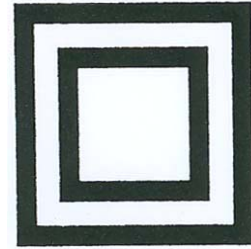
6. Explain the term *offal* \_\_\_\_\_

\_\_\_\_\_

Give **one** example of offal \_\_\_\_\_

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



8. Give **two** reasons why bar codes are used.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

9. Suggest **two** advantages of saving money.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

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

(i) **loss leader** \_\_\_\_\_

\_\_\_\_\_

(ii) **unit pricing** \_\_\_\_\_

\_\_\_\_\_

11. List **four** essential expenses that should be considered when planning a household budget.

(i) \_\_\_\_\_ (ii) \_\_\_\_\_

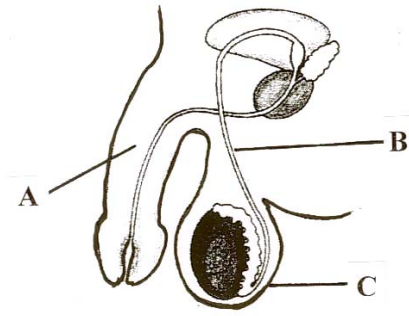
(iii) \_\_\_\_\_ (iv) \_\_\_\_\_

12. Identify the parts of the male reproductive system labelled **A**, **B** and **C**.

**A** \_\_\_\_\_

**B** \_\_\_\_\_

**C** \_\_\_\_\_



13. Name **four** types of permanent teeth.

(i) \_\_\_\_\_ (ii) \_\_\_\_\_

(iii) \_\_\_\_\_ (iv) \_\_\_\_\_

14. Give **three** functions of the family.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

15. Outline **two** harmful effects of smoking on the body.

(i) \_\_\_\_\_

\_\_\_\_\_

(ii) \_\_\_\_\_

\_\_\_\_\_

16. List **four** factors which should be considered when buying a new television.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

(iv) \_\_\_\_\_

17. Explain the purpose of **each** of the following in relation to microwave cooking:

(i) **standing time** \_\_\_\_\_

\_\_\_\_\_

(ii) **turntable** \_\_\_\_\_

\_\_\_\_\_

18. Name any **two** wires in an electrical plug and state the colour(s) of **each** wire named.

NAME OF WIRE	COLOUR(S)
(i) _____	(i) _____
(ii) _____	(ii) _____

19. Give **two** advantages of good lighting in the home.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

20. Name **two** machine stitches and state a different use for **each** one.

MACHINE STITCHES	USE
(i) _____	(i) _____ _____
(ii) _____	(ii) _____ _____

21. Give **two** desirable and **two** undesirable properties of wool as a clothing fabric.

DESIRABLE PROPERTIES	UNDESIRABLE PROPERTIES
(i)	(i)
(ii)	(ii)

22. State **two** ways in which yarn can be made into fabric.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

23. List **two** precautions which should be taken when using a commercial stain remover.

(i) \_\_\_\_\_

\_\_\_\_\_

(ii) \_\_\_\_\_

\_\_\_\_\_

24. Explain how **each** of the following can effect the appearance of a garment:

(i) **vertical lines** \_\_\_\_\_

\_\_\_\_\_

(ii) **horizontal lines** \_\_\_\_\_

\_\_\_\_\_



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**JUNIOR CERTIFICATE EXAMINATION 2004**

**HOME ECONOMICS**

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**HIGHER LEVEL**

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**FRIDAY 18 JUNE - AFTERNOON 2.00 - 4.30**

## **SECTION B** **(220 MARKS)**

### **INSTRUCTIONS**

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

**SECTION B**  
**220 Marks**

1. Fruit forms an important part of a balanced diet.

FRUIT	PROTEIN	CARBOHYDRATE	MINERALS	VITAMINS	WATER
FRESH	Trace	5-20%	Calcium, Iron	A, C	80-90%
TINNED	Trace	20-30%	Calcium, Iron	A, C <i>reduced</i>	70-80%
DRIED	Trace	50-60%	Calcium, Iron <i>increased</i>	A	15-25%

- (a) Using the nutritional information given in the table above:
- (i) compare the food value of fresh fruit with tinned fruit **or** dried fruit;
  - (ii) give **one** function of **each** of the minerals listed in the table;
  - (iii) what does “trace” mean?
- (b) Suggest **two** different uses for **each** of the three types of fruit listed in the table above.
- (c) List the advantages of including fruit in the diet.
- (d) Give **three** effects of processing on fruit.

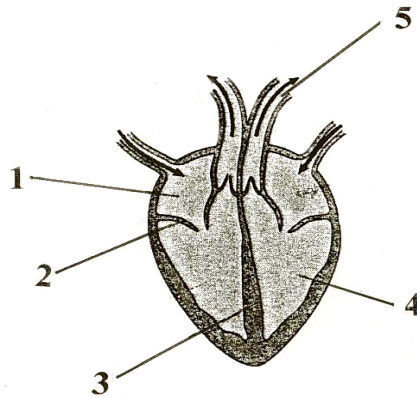
2. (a) What guidelines should be followed when home baking?
- (b) List **three** raising agents used in home baking and explain how **one** of them works.
- (c) (i) Explain the function of gluten in bread making.  
(ii) Sketch the symbol found on gluten-free flour and products.
- (d) Give **two** advantages and **two** disadvantages of using commercial cake mixes.

3. Sarah bought a new steam iron, and discovered that the iron was leaking when she used it.

- (a) Outline the steps Sarah should follow when returning the faulty iron to the shop.
- (b) Name **two** organisations that Sarah could contact if the shop refused to accept responsibility for the faulty iron.
- (c) Write Sarah’s letter of complaint to **one** of the organisations you have named.
- (d) What conditions are outlined in the ‘*Sale of Goods and Supply of Services Act 1980*’?



4. (a) Name the parts of the heart labelled 1, 2, 3, 4 and 5.



- (b) Describe the position of the heart in the body.
- (c) List the functions of the blood.
- (d) Name **three** blood vessels and outline the differences between any **two** of the blood vessels you have named.
- (e) Explain how a person's *pulse* is taken.
5. (a) List the factors that should be considered when decorating a family living room.
- (b) Draw the room plan, and indicate on the plan the position of:  
(i) the window(s); (ii) the door(s); (iii) the furniture **and** (iv) suitable lighting.
- (c) Suggest (i) a colour scheme, (ii) a floor covering **and** (iii) a heating system suitable for the living room **and** give a reason for your suggestion in **each** case.
- (d) Explain the term *upholstery*.
6. You have been asked to design an outfit suitable for leisure wear.
- (a) List the points you would consider when designing the outfit.
- (b) Sketch and describe the outfit you would design.
- (c) Suggest suitable fabric(s) for the outfit **and** give reasons for your choice.
- (d) Describe **one** method you could use to personalise the outfit you have designed.
- (e) What factors influence fashion trends?

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