

WARNING

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

EXAM NUMBER



FOR EXAMINER

Total No.
of Marks
AN ROINN OIDEACHAIS AGUS EOLAÍOCHTA**JUNIOR CERTIFICATE EXAMINATION 2002****HOME ECONOMICS****HIGHER LEVEL*****FRIDAY 14 JUNE – AFTERNOON 2.00 – 4.30*****Total Marks 300****CENTRE STAMP**

For examiners use only

QUESTION	MARK
Section A (Total)	
Section B	1
	2
	3
	4
	5
	6
TOTAL	→
GRADE	→

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. Name one vitamin required to prevent each of the following deficiency diseases:

DEFICIENCY DISEASE	VITAMIN REQUIRED
(i) Scurvy	(i)
(ii) Night blindness	(ii)
(iii) Beri beri	(iii)
(iv) Rickets	(iv)

2. Explain why some foods must be excluded from a coeliac diet.

3. Give two effects of heat on milk.

(i) _____

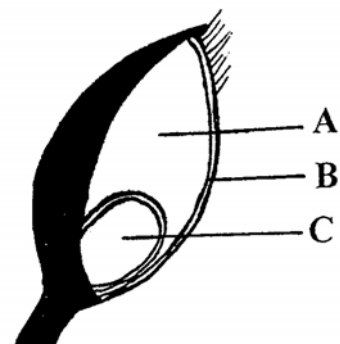
(ii) _____

4. Name the parts of the cereal grain labelled A, B and C.

A _____

B _____

C _____



5. Name **four** foods that have a high salt content.

(i) _____ (ii) _____

(iii) _____ (iv) _____

6. Give **two** benefits of using stock when making soup.

(i) _____

(ii) _____

7. Explain the term **guarantee** _____

8. Name **two** deductions which may be taken from an employee's gross income.

(i) _____

(ii) _____

9. List **four** items of information which should be included in a letter of complaint to a retailer.

(i) _____

(ii) _____

(iii) _____

(iv) _____

10. Suggest **two** savings options available to a teenager who wishes to save money.

(i) _____

(ii) _____

11. Suggest **four** ways in which a consumer can reduce household waste.

(i) _____

(ii) _____

(iii) _____

(iv) _____

12. What is the function of the *larynx* in the respiratory system? _____

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

(i) **menstruation** _____

(ii) **fertilisation** _____

14. Describe the first aid treatment for a sprained ankle _____

15. Give **two** guidelines which may be followed in order to reduce the risk of heart disease.

(i) _____

(ii) _____

16. Outline **two** safety precautions which should be taken in the event of a gas leak in the home.

(i) _____

(ii) _____

17. Give **one** reason why **each** of the following substances are added to the water supply.

SUBSTANCE		REASON
(i)	Chlorine	(i)
(ii)	Fluoride	(ii)

18. Explain the term *ergonomics* _____

19. Suggest **two** reasons why good ventilation is necessary in a kitchen.

(i) _____

(ii) _____

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



21. Describe **one** method of transferring pattern markings to fabric _____

22. Give **two** examples of natural fibres and suggest a different use for **each**.

NATURAL FIBRE	USE
(i)	(i)
(ii)	(ii)

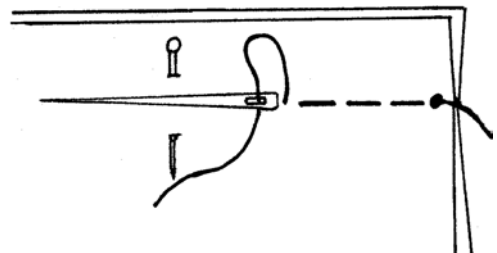
23. List **four** functions of clothing.

- (i) _____
- (ii) _____
- (iii) _____
- (iv) _____

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

Name _____

Use _____



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JUNIOR CERTIFICATE EXAMINATION 2002

HOME ECONOMICS

HIGHER LEVEL

FRIDAY 14 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. The following information is displayed on a frozen pizza box.



INGREDIENTS	NUTRITIONAL INFORMATION
Wheatflour, Cheddar and Mozzarella Cheese (20%), Water, Chicken (11%), Red Peppers (8%), Tomato, Onion, Vegetable Oil, Antioxidants, Sugar, Yeast, Salt, Herbs, Spices, Emulsifiers.	Average values per 100g Energy 233kcal/980kj Carbohydrates 27.2g Protein 11.4g Fat 8.7g Fibre 2.1g Sodium 0.5g
  <p style="text-align: center;">328g e</p> 	

- (a) Evaluate the nutritive value of this frozen pizza.
- (b) Set out a menu, to include pizza, suitable for a main meal for a teenager.
- (c) Give **two** reasons why this pizza is not suitable for a vegan.
- (d) (i) Name **two** food additives used in this pizza.
(ii) Give the function of **one** of the food additives you have named.
- (e) What symbol on this frozen pizza box indicates the place of origin?
2. (a) Give **four** reasons why meat should be included in the diet.
- (b) What guidelines should be followed when (i) buying (ii) storing **and** (iii) cooking minced meat?
- (c) Name **three** meat products.
- (d) Give **one** example of a meat substitute.
- (e) Why have meat substitutes become popular in recent years?

3. Consumers have rights and responsibilities.
- (a) Explain this statement and include examples in your explanation.
 - (b) Give **three** advantages and **three** disadvantages of advertising.
 - (c) Name **one** organisation which controls advertising standards.
 - (d) How does the Consumer Information Act protect the consumer?
 - (e) Explain **each** of the following terms: (i) unit pricing **and** (ii) impulse buying.
4. Adolescence is a time of change.
- (a) Outline **three** physical changes that occur in boys and **three** physical changes that occur in girls during puberty.
 - (b) List **four** guidelines that an adolescent should follow in order to maintain good personal hygiene.
 - (c) Describe **two** positive and **two** negative ways in which adolescents can be influenced by their peers.
 - (d) Name **one** organisation which offers support to teenagers and briefly outline how this support is provided.
5. The refrigerator is an essential appliance in the kitchen.
- (a) Give **three** advantages of using a refrigerator.
 - (b) Outline **five** points which should be considered when buying a refrigerator.
 - (c) What practical guidelines should be followed when: (i) using **and** (ii) cleaning a refrigerator?
 - (d) Explain what a *four-star rating* means on a fridge-freezer.
6. Cotton is a very versatile and popular textile.
- (a) Outline the stages involved in the production of cotton.
 - (b) List **three** examples of cotton fabric.
 - (c) Suggest **three** fabric finishes which can be applied to cotton.
 - (d) State **two** desirable properties of cotton as a household textile.
 - (e) Sketch the symbol which indicates that a fabric is pure cotton.