

WARNING

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

EXAM NUMBER

FOR EXAMINER

Total No.
of Marks


Coimisiún na Scrúduithe Stáit State Examinations Commission

JUNIOR CERTIFICATE EXAMINATION 2006

HOME ECONOMICS

HIGHER LEVEL

FRIDAY 16 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 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 supervisor.
4. Section B - 220 marks.
Answer 4 (four) 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. Give **one** important source of **each** of the following:

SOURCE	
(i) Vitamin C	(i)
(ii) Dietary fibre	(ii)

2. Name **two** types of additives used in convenience foods.

(i) _____ (ii) _____

3. Suggest **four** ways of reducing the intake of fat in the diet.

(i) _____

(ii) _____

(iii) _____

(iv) _____

4. List **four** raising agents used in home baking.

(i) _____ (ii) _____

(iii) _____ (iv) _____

5. Give an example of a different vegetable under **each** of the following classifications:

CLASSIFICATION OF VEGETABLES			
GREENS	ROOTS	FRUIT	PULSES

6. Explain **each** of the following cookery terms:

(i) **roux** _____

(ii) **sauté** _____

7. List **four** sources of consumer information.

(i) _____ (ii) _____

(iii) _____ (iv) _____

8. Give **one** advantage and **one** disadvantage of buying on credit.

Advantage _____

Disadvantage _____

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



10. Give **two** advantages of the Small Claims procedure.

(i) _____

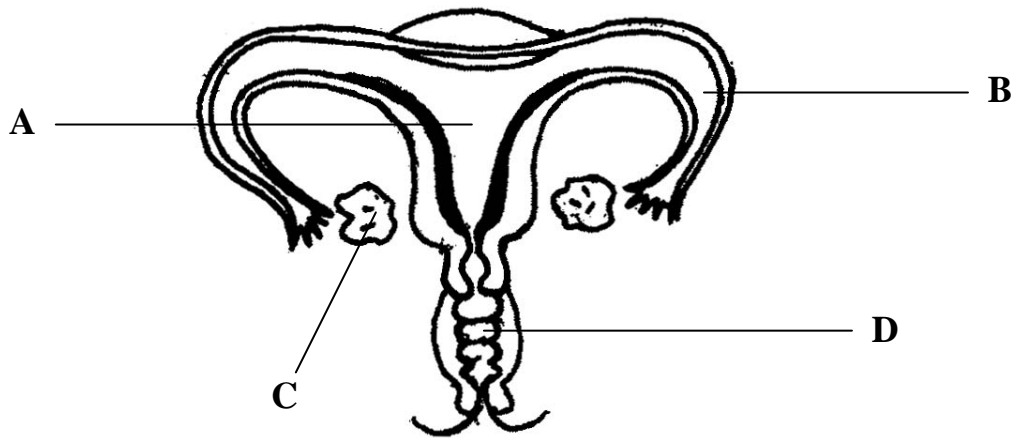
(ii) _____

11. Give the function of **each** of the following:

(i) **arteries** _____

(ii) **haemoglobin** _____

12. Name the parts of the female reproductive system labelled A, B, C and D.



A. _____ B. _____

C. _____ D. _____

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

(i) **gender** _____

(ii) **peer group** _____

14. State **two** rights of the child.

(i) _____

(ii) _____

15. What is the purpose of a fuse in an electrical circuit? _____

16. Suggest **two** ways in which the ozone layer can be protected.

(i) _____

(ii) _____

17. Explain the importance of the *work triangle* in kitchen design _____

18. Give **two** factors which should be considered when choosing a family home.

(i) _____

(ii) _____

19. State **one** desirable property and **one** undesirable property of wood flooring.

(i) **desirable property** _____

(ii) **undesirable property** _____

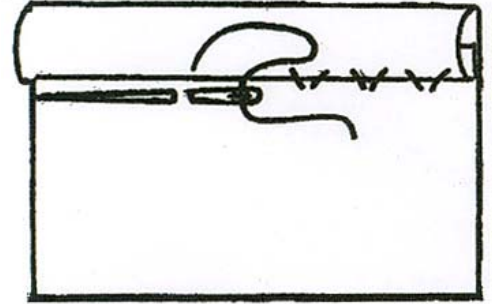
20. Give **two** examples of synthetic fibres and suggest a different use for **each** one.

SYNTHETIC FIBRE	USE
(i)	(i)
(ii)	(ii)

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

Name _____

Use _____



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

(i) **nap** _____

(ii) **straight grain** _____

23. Explain what **each** of the following symbols indicate.





24. Give **two** body measurements that are required when buying jeans.

(i) _____

(ii) _____



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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 the label of a carton of fortified milk.

<i>Fortified Milk</i>		
NUTRITIONAL INFORMATION	FORTIFIED MILK	WHOLE MILK
Typical Values per 100ml		
Energy	205kJ/49kcal	269kJ/64kcal
Protein	3.4g	3.3g
Fat	1.5g	3.5g
Carbohydrate	5.2g	4.9g
Calcium	166mg	118mg
Vitamin A	120µg	52µg
Vitamin B	0.24mg	0.17mg
Folic Acid	70µg	6µg
Vitamin D	1µg	0.03µg
Vitamin E	1.5mg	0.09mg

Pasteurised and Homogenised

- (a) Using the information given on the label above, evaluate the nutritive value of fortified milk.
- (b) (i) State which type of milk would be most suitable for (i) an energetic child **and** (ii) a pregnant woman.
- (ii) Give **one** reason for your choice in **each** case.
- (c) Explain why milk is pasteurised.
- (d) (i) List **three** dairy products, other than milk, available in supermarkets.
- (ii) Suggest **three** ways to include more dairy products in the diet.
- (e) Explain **one** of the following: *fortified* or *homogenised*.
2. Vegetarian diets are becoming more popular in Ireland today.
- (a) Give **three** reasons why people may choose a vegetarian diet.
- (b) Explain **each** of the following types of vegetarian diets:
(i) vegan diet **and** (ii) lacto-vegetarian diet.
- (c) List the guidelines that should be followed when planning meals for a vegetarian.
- (d) Design a balanced **three** course dinner menu suitable for a lacto-vegetarian.
- (e) (i) What is *TVP*?
- (ii) Suggest **two** dishes in which *TVP* can be used.

3. (a) Describe **each** of the following types of shopping outlets: (i) supermarkets; (ii) department stores; (iii) specialist shops **and** (iv) independent shops.
- (b) List the guidelines that should be followed when shopping for goods and services.
- (c) (i) Name **three** methods of payment that can be used when shopping.
(ii) Give **one** advantage and **one** disadvantage of **each** method listed.
- (d) Explain the benefit to the consumer of **each** of the following:
(i) unit pricing; (ii) keeping a receipt **and** (iii) own-brand goods.

4. (a) Name the **four** types of permanent teeth.
- (b) Outline the function of **each** of the following parts of the tooth:
(i) enamel; (ii) pulp cavity **and** (iii) cementum.
- (c) List the guidelines that should be followed to maintain healthy teeth.
- (d) (i) What is plaque? (ii) Explain how plaque affects teeth.
- (e) Name the mineral that is added to the public water supply to strengthen teeth.

5. (a) Explain **two** methods of heat transfer.
- (b) (i) Name **three** fuels used for home heating.
(ii) Give **two** advantages and **two** disadvantages of **one** of the fuels named.
- (c) Outline the benefits of using a central heating system in the home.
- (d) List **four** ways of saving energy when using a central heating system.
- (e) What is the function of a thermostat?

6. (a) Name the parts of the sewing machine labelled 1, 2, 3 and 4.
- (b) List the guidelines that should be followed when (i) choosing; (ii) using **and** (iii) caring for a sewing machine.
- (c) Give **one** reason for **each** of the following sewing machine faults: (i) needle breaking; (ii) looped stitches **and** (iii) thread breaking.
- (d) Suggest a different machine stitch suitable for **each** of the following: (i) appliqué **and** (ii) turning up a hem.

