

EXAM NUMBER

Total  
Mark



# Coimisiún na Scrúduithe Stáit State Examinations Commission

## JUNIOR CERTIFICATE EXAMINATION 2017

HOME ECONOMICS

ORDINARY LEVEL

THURSDAY 15 JUNE - MORNING 9.30-11.30

**Total Marks 240**

### INSTRUCTIONS TO CANDIDATES

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

**CENTRE STAMP**

### For examiner's use only

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

1. Total of end of page totals	
2. Aggregate total of disallowed question(s)	
3. Total mark awarded (1 minus 2)	
4. Bonus mark for answering through Irish (if applicable)	
5. Total mark awarded if Irish bonus (3 plus 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.	

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

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

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

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

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

2. Suggest **two** ways of reducing the intake of salt in the diet.

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

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

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

	True	False
(i) A convenience food is a food that has been processed.		
(ii) A roux is a mixture of flour and eggs.		
(iii) Poaching is a dry method of cooking.		

4. Place **each** of the fish listed below under the correct heading:

mackerel      cod      crab      plaice      prawns

White fish	Oily fish	Shellfish

5. List **three** changes that occur when food is cooked.

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

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

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

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

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7. Indicate with a tick [✓] which statement is correct.

- (i) Income tax is a voluntary deduction.
- (ii) Wages refers to weekly payments.
- (iii) Net income is the total amount earned before deductions.

8. Suggest **three** pieces of information that should be included when writing a letter of complaint about a faulty product.

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

9. List **three** ways a family can reduce the cost of their weekly food bill.

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

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

	True	False
(i) The epidermis is a deep layer found in the skin.		
(ii) Smoking in cars with children present is illegal in Ireland.		
(iii) Dentine is a space at the centre of the tooth, which contains the nerves and blood supply.		

11. Name **two** functions of the family.

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

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

12. Give an example of how a teenager can be a positive role model for younger children.

\_\_\_\_\_

\_\_\_\_\_

13. Name **three** harmful effects of the sun.

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

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

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

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



15. Name **four** pieces of household cleaning equipment.

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

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

16. Give **two** examples of a small electrical appliance with a motor.

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

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

	True	False
(i) Tacking is a permanent stitch used on the hem of clothes.		
(ii) Wool is an example of a man-made fibre.		
(iii) The washing instructions for a garment are found on the care label.		

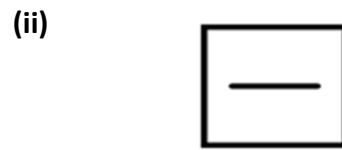
18. State **three** factors which influence our choice when buying clothes.

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

19. Give **two** examples of fashion accessories that are popular with teenagers.

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

20. What information do **each** of the following fabric care symbols give to the consumer?



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

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

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

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

1.

**Composition of Cheddar Cheese**

Protein	Fat	Carbohydrates	Vitamins	Minerals	Water
27%	33%	0%	1% (A + B)	4% (Calcium)	35%

(a) Using the information given above, give **three** reasons why cheese should be included in a teenager's diet.

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

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

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

(b) Design a **two-course** dinner menu suitable for an active teenager that includes cheese.

*Dinner Menu*

\* \* \* \* \*

(c) Give **two** examples of processed cheese.

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

(d) Name **two** effects of cooking on cheese.

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

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





2. (a) List **three** guidelines to follow when baking at home.

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

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

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

(b) Suggest a use for **each** piece of baking equipment.

BAKING EQUIPMENT	Sieve 	Pastry brush 	Spatula 	Flour dredger 
USE				

(c) Give a method of modifying (changing) a fruit crumble recipe to follow **each** of the Healthy Eating Guidelines below.

(i) Reduce Fat \_\_\_\_\_  
\_\_\_\_\_

(ii) Reduce Sugar \_\_\_\_\_  
\_\_\_\_\_

(iii) Increase Fibre \_\_\_\_\_  
\_\_\_\_\_

(d) Match the correct cake/bread from the list below to **each** baking method.

sponge cake

tea scones

queen cakes

Baking Method	Cake/Bread
Rub-in	
Creaming	
Whisking	

3. (a) What guidelines should a consumer follow when buying a mobile phone.

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

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

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

(b) Name **two** methods of paying for the mobile phone and suggest a different advantage for **each** method given.

Method of Payment	Advantage
(i) _____	(i) _____
(ii) _____	(ii) _____

(c) Explain why is it important to keep the receipt of purchase for the mobile phone?

\_\_\_\_\_

\_\_\_\_\_

(d) State **two** techniques used by shops to encourage consumers to buy products.

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

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

(e) Choose the correct word from the list below to complete **each** of the following sentences.

**bulk buying**

**own brands**

**safety**

(i) \_\_\_\_\_ is an example of a consumer right.

(ii) \_\_\_\_\_ are cheaper products that are sold under the name of a shop/supermarket.

(iii) \_\_\_\_\_ is buying products in large quantities.



4. (a) Suggest **three** guidelines that a teenager can follow to develop positive mental health.

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

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

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

(b) List **three** effects of stress on teenagers.

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

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

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

(c) Name **two** types of leisure activities and give a different advantage of **each** type.

Leisure activities	Advantage
(i) _____	(i) _____
(ii) _____	(ii) _____

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

**high self-esteem**

**health hazard**

**alcohol addiction**

(i) A \_\_\_\_\_ is anything that is damaging to a person's health and well-being.

(ii) A teenager with \_\_\_\_\_ is confident.

(iii) An \_\_\_\_\_ can cause liver disease.

(e) Name **one** organisation that helps teenagers who are affected by alcohol abuse.

\_\_\_\_\_

5. Gas and electricity are common sources of energy in the home.

(a) Suggest **two** different uses of gas and electricity in the home.

Uses of gas in the home	Uses of electricity in the home
(i) _____	(i) _____
(ii) _____	(ii) _____

(b) List **three** actions that should be taken in the event of a gas leak in the home.

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

(c) State **two** safety rules to follow when using an electric appliance.

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

(d) Match **each** of the words from the list below to the correct method of insulation.

**windows      hot water cylinder      attic      floor**

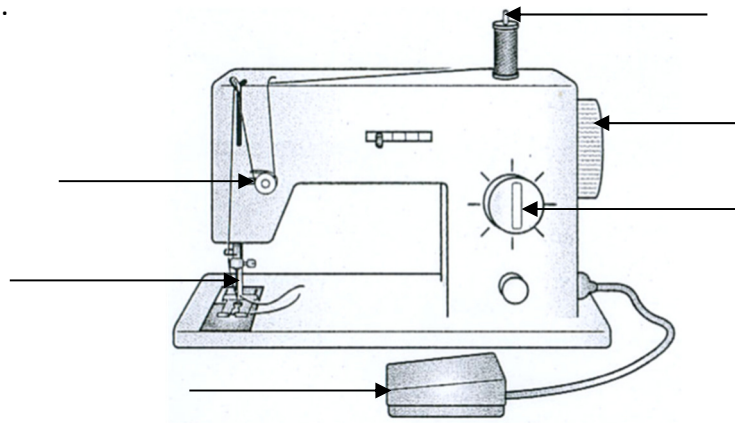
Method of insulation	
Fibreglass	
Lagging jacket	
Carpet	
Double glazing	

(e) List **two** sources of renewable energy that could be used in the home.

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

6. (a) Indicate on the diagram of the sewing machine, the position of **each** of the parts numbered 1, 2, 3, 4, 5 and 6.

1. Hand wheel
2. Needle
3. Foot Pedal
4. Stitch length regulator
5. Tension slot
6. Spool pin




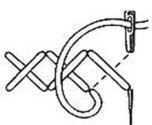
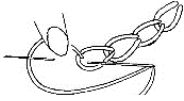

(b) State a different reason why **each** of the following faults may occur when using a sewing machine.

Faults	Reason
Skipped Stitches	
Needle Breaks	

(c) Name **two** different machine stitches.

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

(d) Suggest a different use for **each** of the following embroidery stitches.

Embroidery Stitches	Use
Stem Stitch 	
Cross Stitch 	
Chain Stitch 	
Satin Stitch 	

**Blank Page**