

EXAM NUMBER

Total Mark



**Coimisiún na Scrúduithe Stáit
State Examinations Commission**

JUNIOR CERTIFICATE EXAMINATION 2007

HOME ECONOMICS

ORDINARY LEVEL

FRIDAY 15 JUNE – AFTERNOON 2.00 – 4.00

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
MARKING SCHEME AND SAMPLE ANSWERS

For examiners use only

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

1. Total of end of page totals	
2. Aggregate total of all disallowed question(s)	
3. Total mark awarded (1 minus 2)	
4. Bonus mark for answering through Irish	
5. Total mark awarded through Irish (3+4)	
Note: The mark in row 3 (or row 5 if an Irish Bonus is awarded) must equal the mark in the Total Mark box above	

SECTION A
80 marks

80

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

1. Tick [✓] **five** foods listed below that are **good** sources of iron:

- | | |
|---|---|
| milk <input type="checkbox"/> | wholemeal bread <input checked="" type="checkbox"/> |
| apples <input type="checkbox"/> | broccoli <input checked="" type="checkbox"/> |
| beans <input checked="" type="checkbox"/> | red meat <input checked="" type="checkbox"/> |
| eggs <input checked="" type="checkbox"/> | carrots <input type="checkbox"/> |

5

2. Give **two** reasons why sauces are served with food.

5

- (i) add flavour to food, provide contrast to texture of food,
- (ii) increase food value, moisten foods, add colour, improve digestibility

3. Name **two** different sweet dishes and **two** different savoury dishes that can be made using pastry.

5

SWEET DISHES	SAVOURY DISHES
(i) Apple Tart, Mince Pies	(i) Quiche Lorraine, Sausage Rolls
(ii) Chocolate Eclairs, Lemon Meringue Pie	(ii) Steak & Kidney Pie, Chicken & Leek Pie.

4. Explain **each** of the following:

5

- (i) **garnish** to decorate a dish
- _____
- (ii) **raising agent** an ingredient which makes baked dishes rise
- _____

5. Name **two** different types of packaging in which food can be frozen.

5

- (i) waxed cartons, plastic boxes
- (ii) aluminum containers, polythene freezer bags

6. Give **one** advantage and **one** disadvantage of shopping on the internet.

5

Advantage no queuing, take time to choose, convenient – shopping from home, allows for market research

Disadvantage less personal contact, temptation to impulse buy, no advice offered, can't see product, need a credit card

7. Tick [✓] whether **each** of the following statements is true **or** false.

5

	TRUE	FALSE
(i) Net income is the total amount of money you earn.		✓
(ii) Buying on credit means 'buy now, pay later.'	✓	
(iii) A guarantee is a contract between the manufacturer and the consumer.	✓	

8. What information does this symbol give to the consumer?

5

Recycling logo



9. What is *impulse buying*? Buying goods on the 'spur of the moment'

5

10. List **three** major expenses that should be included in a household budget.

5

(i) housing (rent/mortgage), food

(ii) clothes/shoes, household bills, transport

(iii) Medical expenses, education, insurance, childcare

11. Tick [✓] the correct answer.

5

Physical development means

- (i) learning how to get on with others.
- (ii) developing a sense of right and wrong.
- (iii) growing in height and weight.

12. Give **three** guidelines that a person should follow in order to have a healthy lifestyle.

5

- (i) Eat a balanced diet, sufficient rest and sleep
- (ii) Regular exercise, don't smoke/abuse alcohol or drugs
- (iii) Visit doctor regularly, good personal hygiene, positive attitude

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

5

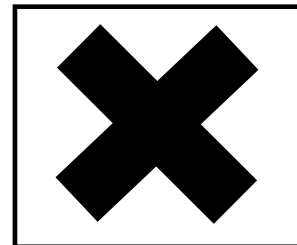
sperm testosterone semen oestrogen

- (i) Fertilisation occurs when a sperm unites with the female egg.
- (ii) The male sex hormone is testosterone.
- (iii) A liquid called semen contains millions of sperm.

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

5

Harmful/irritant



15. Tick [✓] which of the following electrical appliances has a heating element **or** a motor.

5

	HEATING ELEMENT	MOTOR
(i) Toaster	✓	
(ii) Food mixer		✓
(iii) Kettle	✓	
(iv) Carving knife		✓
(v) Deep fat fryer	✓	

16. Give **two** examples of fire safety equipment that are necessary for the home. _____
5
- (i) fire extinguisher, fire blanket
- (ii) smoke alarm, fireguard

17. What information does this symbol give to the consumer? _____

Woolmark/100% pure new wool



5

18. List **three** rules that should be followed when using a sewing machine. _____

- (i) Thread the sewing machine properly, check thread tension
- (ii) Guide the fabric towards the machine-do not push or pull.
- (iii) Test the stitch on a piece of fabric etc.

5

19. Tick [✓] whether **each** of the following statements is true **or** false. _____

	TRUE	FALSE
(i) A detergent is something that removes dirt.	✓	
(ii) An anti-static finish means that fabric will not shrink.		✓
(iii) Tweed is an example of a cotton fabric.		✓

5

20. List **five** different items that you would expect to find in a sewing box. _____

- (i) Scissors pinking shears
- (ii) Thimble, thread
- (iii) Measuring tape
- (iv) Stitch ripper, tailor's chalk
- (v) Needles, pins

5

SECTION B
160 marks

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

1.

<i>Fresh Fruit Salad</i>		
<i>1 apple</i>	<i>6 strawberries</i>	<i>100 ml apple juice</i>
<i>1 pear</i>	<i>2 plums</i>	<i>juice of 1/2 lemon</i>
<i>1 orange</i>	<i>1 peach</i>	

(a) Place **each** of the fruits listed above under the correct headings: (6 x 1)

6

CLASSIFICATION OF FRUIT			
CITRUS	BERRIES	STONE	HARD
orange	strawberries	Plums	Apple
		Peach	Pear

(b) Describe how you would prepare **each** of the following fruits for the fresh fruit salad: (3 x 3)

9

(i) Pear _____ Wash / peel (if necessary) / remove core / chop

(ii) Strawberries _____ Wash / remove stalk / slice

(iii) Peach _____ Wash/ remove stone / chop

(c) Why is lemon juice used in the fresh fruit salad? _____

7

_____ To avoid browning / discolouration of fruit

(d) Give **two** advantages of buying fresh fruit 'in season'. (2 x 4)

8

(i) _____ Cheaper, more plentiful, excellent flavour

(ii) _____ Better quality, better selection

(e) Suggest **two** different ways to encourage children to eat more fresh fruit. (2 x 5)

10

(i) _____ Add fresh fruit to yogurt/breakfast cereals, make up their own juices/smoothies,

(ii) _____ finish off lunch with a piece of fruit

2.

COMPOSITION OF OILY FISH

PROTEIN	FAT	CARBOHYDRATE	VITAMINS	MINERALS	WATER
17-20%	13%	0%	A,D,B	Iodine, Iron	65%

(a) Using the information above, explain why oily fish should be included in the diet. (3 x 3)

(i) Protein – high biological value – growth and repair

Fat – polyunsaturated – do not raise cholesterol levels

(ii) Vitamins – good source – general health

Minerals – high in iodine – needed for thyroid gland

(iii) Water – less water to white fish

(b) (i) Oily fish lacks carbohydrate. Suggest **two** different carbohydrate foods that can be served with oily fish. (2 x 4)

1. Pasta, Potatoes

2. Bread, Rice

(ii) Name **one** other nutrient that is **not** found in oily fish Vits C, E, Calcium (1 mark)

(c) Give **two** examples of oily fish. (2 x 3)

(i) salmon, mackerel

(ii) herring, trout, sardines

(d) List **four** guidelines that should be followed when buying fresh fish. (4 x 3)

(i) eyes bright and bulging, gills bright red,

(ii) markings clear, skin moist and unbroken,

(iii) scales firm, not smell 'fishy', buy medium size – better flavour,

(iv) buy from a reliable source, buy in season

(e) Name **one** method of processing fresh fish smoking, canning, freezing

9

9

6

12

4

3. *You plan to buy yourself a new camera.*

(a) List **four** guidelines that you should consider when buying the camera. (4 x 3) _____
12

(i) Budget, design/features – digital, size etc

(ii) Reliable brand/model, reliable shop

(iii) Guarantee

(iv) Quality

(b) Suggest **two** different sources of information that would help you to make a wise choice. _____
(2 x 4) 8

(i) Sales staff, word of mouth (ii) advertising, brochures

(c) Name **one** method of paying for the camera. Give **two** reasons for your answer. (3 x 2) _____
6

Method of payment Cash, cheque, credit card, debit (laser) card, ATM card

Reasons (i) quick and easy

(ii) safe and convenient

(d) Why is it important to get a receipt for the camera? (2 x 3) _____
6

(i) Proof of purchase, guarantee

(ii) For exchange purposes

(e) List **four** items of information that you would expect to find on the receipt. (4 x 2) _____
8

(i) price/cost (ii) date/time of purchase

(iii) name of shop, exchange policy (iv) description of product

4. (a) Explain **each** of the following: (2 x 4)

(i) **nuclear family** _____

(ii) **extended family** _____

(b) Give **two** functions of the family. (2 x 4)

(i) _____

(ii) _____

(c) State whether **each** of the following are physical needs **or** emotional needs. (6 x 1)

food love shelter understanding clothing security

PHYSICAL NEEDS	EMOTIONAL NEEDS
food	Love
shelter	Understanding
clothing	Security

(d) What are the main causes of conflict between teenagers and adults in the home? (3 x 3)

(i) _____

(ii) _____

(iii) _____

(e) Suggest **three** ways to maintain good relationships between teenagers and adults. (3 x 3)

(i) _____

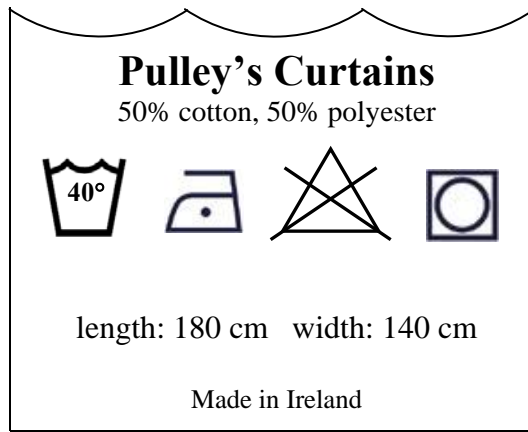
(ii) _____

(iii) _____

5. *Water is a basic household service.*

- (a) List **three** different uses of water in the home. (3 x 2) 6
- (i) Washing clothes/dishes/self
- (ii) Cooking, drinking
- (iii) heating
-
- (b) Suggest **three** ways of reducing the amount of water used in the home. (3 x 4) 12
- (i) Take shower instead of bath
- (ii) Avoid washing under running water
- (iii) Use “economy” on washing machine, use dishwasher/washing machine when full
-
- (c) Give **two** common causes of water pollution. (2 x 4) 8
- (i) Farm/domestic waste – slurry/sewage, natural pollution – bacteria/dirt
- (ii) Illegal dumping, toxic waste from industry, over-use of detergents
-
- (d) Give **two** effects of water pollution. (2 x 4) 8
- (i) Dead fish and vegetation, unpleasant smells
- _____
- (ii) Food poisoning outbreaks, reduction in oxygen
- _____
-
- (e) Apart from water, give **two** other examples of basic household services. (2 x 3) 6
- (i) Gas, telephone, electricity
- (ii) Post, bin collection

6. The following is a care label found on a pair of curtains.



(a) Using the information on the care label above, answer the following questions: (4 x 3)

12

- (i) How would you wash these curtains? _____
Machine wash at 40 degrees celsius
- (ii) How should these curtains be dried? tumble dry
- (iii) What is the recommended heat setting for the iron? cool iron
- (iv) Can these curtains be bleached? No / do not use bleach

(b) Name **two** fabrics suitable for curtains. (2 x 3)

6

- (i) dralon, linen, cotton
- (ii) wool, polyester, velvet

(c) Suggest **three** reasons why curtains are used in the home. (3 x 4)

12

- (i) Privacy, keep out light
- (ii) Keep out sound, keep in heat (insulation)
- (iii) Make room look attractive

(d) Curtains are soft furnishings. Give **two** other examples of soft furnishings used in the home.

(2 x 2)

4

- (i) rugs, table mats, lampshades
- (ii) cushions, chair covers, throws

(e) State **one** advantage and **one** disadvantage of making soft furnishings.

(2 x 3)

6

Advantage choose own style/design,
unique/original designs

Disadvantage time-consuming, need a sewing machine,
need space for laying out

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