



**Coimisiún na Scrúduithe Stáit**  
**State Examinations Commission**

**Junior Cycle 2023**

**Marking Scheme**

**Home Economics**

**Common Level**

### **Note to teachers and students on the use of published marking schemes**

Marking schemes published by the State Examinations Commission are not intended to be standalone documents. They are an essential resource for examiners who receive training in the correct interpretation and application of the scheme. This training involves, among other things, marking samples of student work and discussing the marks awarded, so as to clarify the correct application of the scheme. The work of examiners is subsequently monitored by Advising Examiners to ensure consistent and accurate application of the marking scheme. This process is overseen by the Chief Examiner, usually assisted by a Chief Advising Examiner. The Chief Examiner is the final authority regarding whether or not the marking scheme has been correctly applied to any piece of candidate work.

Marking schemes are working documents. While a draft marking scheme is prepared in advance of the examination, the scheme is not finalised until examiners have applied it to candidates' work and the feedback from all examiners has been collated and considered in light of the full range of responses of candidates, the overall level of difficulty of the examination and the need to maintain consistency in standards from year to year. This published document contains the finalised scheme, as it was applied to all candidates' work.

In the case of marking schemes that include model solutions or answers, it should be noted that these are not intended to be exhaustive. Variations and alternatives may also be acceptable. Examiners must consider all answers on their merits, and will have consulted with their Advising Examiners when in doubt.

### **Future Marking Schemes**

Assumptions about future marking schemes on the basis of past schemes should be avoided. While the underlying assessment principles remain the same, the details of the marking of a particular type of question may change in the context of the contribution of that question to the overall examination in a given year. The Chief Examiner in any given year has the responsibility to determine how best to ensure the fair and accurate assessment of candidates' work and to ensure consistency in the standard of the assessment from year to year. Accordingly, aspects of the structure, detail and application of the marking scheme for a particular examination are subject to change from one year to the next without notice.

## Instructions

There are **two** sections in this examination paper.

Section A	10 questions	80 marks
Section B	3 questions	240 marks

Answer all questions.

In developing the marking schemes the following should be noted:

- In many cases only key phrases are given which contain information and ideas that must appear in the candidate's answer in order to merit the assigned marks.
- The descriptions, methods and definitions in the scheme are not exhaustive and alternative valid answers are acceptable.
- The detail required in any answer is determined by the context and the manner in which the question is asked, and by the number of marks assigned to the answer in the examination paper. Requirements and mark allocations may, therefore, vary from year to year.
- Words, expressions or phrases must be correctly used in context and not contradicted, and where there is evidence of incorrect use or contradiction, the marks may not be awarded.

Grade	Grading Range
Distinction <b>D</b>	288-320
Higher Merit <b>HM</b>	240-287
Merit <b>M</b>	176-239
Achieved <b>A</b>	128-175
Partially Achieved <b>PA</b>	64-127
Not Graded <b>NG</b>	0-63

## Question 1

8

Identify a different way of garnishing or decorating each of the dishes listed below.

(4 ways @ 2 marks each)

graded (2:1:0)

**Fruit smoothie:** *mint leaf, prepared fruit garnish, umbrella, etc.*

**Vegetable soup:** *croutons, chopped herbs, vegetables julienne, swirl of cream, grated cheese, etc.*

**Fish pie:** *lemon wedge, sliced tomato/cucumber, basil leaf, sprig of parsley, chopped herbs, etc.*

**Chocolate brownies:** *sieved icing sugar/cocoa powder, prepared fruit garnish, piped cream/butter icing, drizzle glacé icing, sugar-based decoration, moulded almond/fondant icing, doyley, fringed paper cases, etc.*

## Question 2

8

You are making a short video clip called 'Top Tips for Fire Safety in the Home.'

Describe **three** fire safety guidelines you would include in the video.

(2 described guidelines @ 3 marks)

graded (3:1:0)

(1 described guideline @ 2 marks)

graded (2:1:0)

*Plug out/switch off electrics- including chargers when not in use/at night, purchase quality electrical appliances from a reputable supplier, do not leave saucepans/frying pans/deep fat fryers, etc., unattended, use a fire guard in front of open fires, don't dry clothes in front of an open fire, have working fire safety equipment available -fire/smoke alarm, fire blanket/extinguisher never leave matches where children can reach, never leave candles unattended, never put hot ashes in a plastic bin, use appropriate safety precautions when smoking, avoid overloading sockets/extension leads, close internal doors at night, have an escape plan prepared, etc.*

## Question 3

8

Explain the following terms:

(2 explained terms @ 4 marks each)

graded (4:2:0)

**Essential expenditure** *items that must be paid for (also referred to as needs) food, housing, clothing, utility bills, education costs, etc.*

**Net income** *-income after deductions (also referred to as take home pay) e.gs. of deductions PAYE, PRSI, USC, etc.*

**Question 4****8**

Describe **one** example of how a teenager can make an ethical choice when buying clothing.

**(1 ethical choice @ 4 marks)**

**graded (4:0)**

*Ethical choices may relate to – child labour, unfair pay, harsh working conditions, choice of fabrics – ecological/avoiding textiles produced from fossil fuel etc., cruelty free fabrics, avoiding leather/fur, fair trade cotton, local based clothing, vintage/second hand, upcycled items, etc.*

**(1 description @ 4 marks)**

**graded (4:0)**

*Description of how this is ethical*

**Question 5****8**

Pockets can be stitched onto textile items using a sewing machine.

**(i)** Identify the stitch shown.

**(Name of stitch @ 1 mark)**

*Straight stitch*

**graded (1:0)**

**(ii)** Describe another use for this stitch.

**(1 description of another use @ 7 marks)**

**graded (7:2:0)**

*Used to hold pieces of fabric together/seams, seam finishes/edge machining, sewing hems, to decorate using free stitched embroidery, used for appliqued shapes, quilting, etc.*

**Question 6****8**

The Guaranteed Irish symbol shown is easy to recognise.

Explain how buying products carrying this symbol helps to promote sustainability.

**Identify how the symbol promotes sustainability @ 2 marks**

**graded (2:0)**

*Sustainability can relate to – economic, social and environmental*

**Explanation of how products carrying this symbol promote sustainability @ 6 marks**

**graded (6:0)**

*Less waste if quality is high,  
Promotes shopping local which-  
creates employment for local farmers/ producers,  
avoids unnecessary transportation of products,  
local jobs mean less commuter miles-pollution-carbon emissions, etc.*

### Question 7

'80% of all heart disease is preventable,' ([layahealthcare.ie](http://layahealthcare.ie))

8

Recommend **three** guidelines to follow to prevent coronary heart disease.

(2 guidelines @ 3 marks)

graded (3:1:0)

(1 guideline @ 2 marks)

graded (2:1:0)

*Reduce saturated fat, avoid stress, avoid smoking, avoid alcohol, exercise regularly (cardio) increase fibre intake, decrease salt intake, use functional cholesterol lowering products in the diet, etc.*

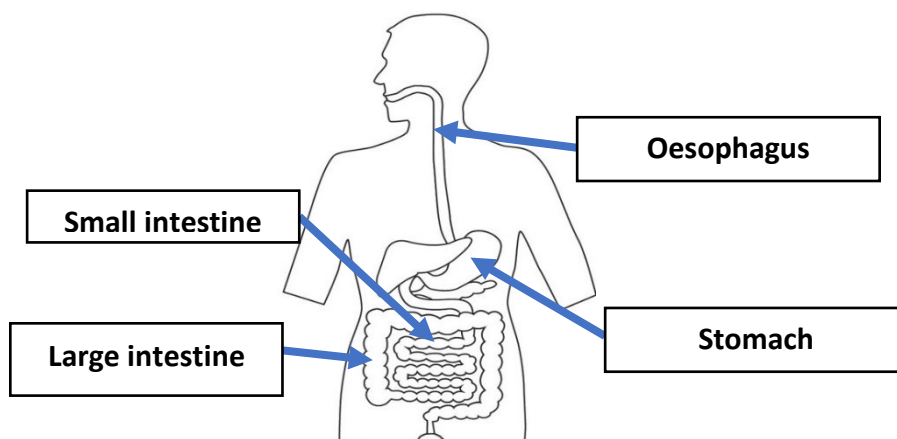
### Question 8

8

Use the words listed below to label the parts of the digestive system shown.

(4 correct labelled parts @ 2 marks each)

graded (2:0)



### Question 9

8

Indicate with a tick (✓) whether each statement is true or false.

(2 correctly identified statements @ 3 marks each)

graded (3:0)

(1 correctly identified statement @ 2 marks)

graded (2:0)

Statement	True	False
Vitamin D helps us absorb calcium	✓	
Meat is a good source of dietary fibre		✓
Vitamin C helps to prevent night blindness		✓

## Question 10

8

Describe one responsibility of each of the following family members.

### **Responsibility of a parent:**

**(1 described responsibility @ 4 marks)**

**graded (4:2:0)**

*to ensure that the physical needs of children are met/children have adequate clothing/healthy diets etc.  
to pay bills/rent/mortgage/provide financially/meet the economic needs of children,  
to pass on norms/values /language/traditions/meet the socialisation needs of children,  
to love/support/encourage/meet the emotional need of children,  
to provide a stimulating environment/encourage learning/primary educators/provide books/place to study/meet the intellectual needs of children,  
set a good example in the community /volunteer in sports clubs/tidy towns/community groups, be environmentally responsible/recycle/use energy efficiently, etc.*

### **Responsibility of a teenager:**

**(1 described responsibility @ 4 marks)**

**graded (4:2:0)**

*help out at home/do chores,  
work well in school/do homework responsibly,  
interact with and look after siblings,  
maintain/take care of own possessions,  
be kind to grandparents,  
be responsible with money/own earnings,  
follow the rules/avoid risk taking behaviour,  
be environmentally responsible/recycle/use energy efficiently, etc.  
show respect to parents/teachers/those in authority, etc.*

Answer all questions.

### Question 11

80

The Miller family are redesigning their kitchen.

- (a) Describe **four** room-planning guidelines the Miller family should consider when planning the kitchen. 20

**(4 described room planning guidelines for the kitchen @ 5 marks each)**

**graded (5:3:0)**

Expect one point on work triangle/work sequence

*consider work triangle/work sequence,  
cost/money available,  
size and shape of the room,  
safety and hygiene,  
adequate functional storage space,  
aspect/levels of daylight etc,  
heating- existing system -energy efficiency,  
lighting- sufficient task/feature/general lighting,  
ventilation/cooker hood/extractor,  
position of doors -traffic flow,  
function of room/dining/workspace/play space/homework space,  
existing furniture,  
existing features/sockets/plumbing/fixtures/fittings/door position/window position,  
personal/family likes and dislikes  
décor, colour, pattern, texture, etc.*

- (b) (i) Discuss **two** rights consumers have when shopping for electrical appliances for the home. 10

**(2 rights -discussed @ 5 marks each)**

**graded (5:3:0)**

*right to choose- having a wide variety of goods from which to choose means the consumer can shop around for better quality items at the lowest prices.  
right to quality and value for money- items must be of merchantable quality.  
right to accurate information-information given about goods or services must be true.  
right to safety- goods or services must not be harmful or unsafe.  
right to redress- the right to complain if goods or services are unsatisfactory and receive a repair/refund/replacement/credit note/gift voucher,  
accept rights related to online shopping- right to cancel within 14 days, etc.*



The Miller family have asked for your help in choosing a suitable refrigerator.

Using the information provided on the labels shown above:

**(b) (ii)** Recommend **one** of the refrigerators to the Miller family. **10**

**(1 identified fridge A or B @ 2 marks)** **graded (2:0)**

**(iii)** Justify **two** reasons for your choice.

**(2 justified reasons @ 4 marks each)** **graded (4:2:0)**

Reasons must relate to the label information

*reference to running costs,  
lower energy usage is better for the environment,  
can be longer lasting if more efficient,  
size depending on family size/requirements,  
noise levels, etc.*

**(c)** Describe **three** energy saving guidelines to follow when using the refrigerator. **15**

**(3 described energy saving guidelines @ 5 marks each)** **graded (5:3:0)**

*do not open door unnecessarily/do not leave door open unnecessarily,  
do not position near heat source/cooker/oven/radiator,  
turn off when on holidays/use holiday mode,  
do not place warm items in the fridge,  
avoid overfilling/underfilling the fridge-  $\frac{3}{4}$  s full is the optimum,  
check the door seals and replace as necessary,  
leave space around and behind the fridge to allow air to circulate, etc.*

**(d) (i)** Name **one** method of payment when purchasing electrical appliances. **2**

**(1 name of payment method @ 2 marks)** **graded (2:0)**

*cash,  
debit card,  
credit card,  
cheque,  
hire purchase,  
credit plan/ agreement,  
paypal, klarna, revolut,  
banking app, etc.*

- (i) Identify **one** advantage and **one** disadvantage of the method of payment named. **8**

**(1 identified advantage at 4 marks)**

**graded (4:0)**

*cash: quick and easy, etc.*

*debit card: quick, can get cash back, in the event of faulty goods/ non-delivery customers can apply to their bank for chargeback, etc.*

*credit card: can be safer, useful for online shopping, in the event of faulty goods/ non-delivery customers can apply to their bank for chargeback, etc.*

*cheque: safe/ if cheque book is kept safe, useful for post, etc.*

**(1 identified disadvantage at 4 marks)**

**graded (4:0)**

*cash: can be stolen, might not have enough, etc.*

*debit card: need current account, may be open to fraud, etc.*

*credit card: high interest, easy to overspend, may be open to fraud, etc.*

*cheque: must have money in account, etc.*

- (e) The Millers invite their extended family for a meal in the new kitchen.

- (i) Explain the term 'extended family'.

**5**

**(explanation of the term @ 5 marks)**

**graded (5:3:0)**

*An extended family is a family consisting of aunts, uncles, grandparents, and cousins, the family extends beyond the nuclear family of children and parents, provides support in crisis, also called the traditional family, in some societies/cultures and traditionally - extended families live together, etc.*

- (ii) Assess **two** benefits of effective communication between family members.

**10**

**(2 assessed benefits @ 5 marks each)**

**graded (5:3:0)**

*builds family bonds/ strengthens relationships,*

*reduces feelings of isolation/ loneliness,*

*reduces misunderstandings/ conflicts,*

*shares concerns and worries/ builds better supports,*

*socialisation/ pass on social norms/ value, etc.*

### Question 12

The school canteen serves crackers. The food label for the crackers is shown below.

(a) (i) Explain the following terms:

10

(1 explained term @ 5 marks)

graded (5:3:0)

**Allergens:** *Substances/ingredients that causes an allergic reaction, common allergens are nuts, dairy, celery, shellfish, listing allergens on food packaging/menus warns the consumer so as to avoid sickness or anaphylactic shock, etc.*

(1 explained term @ 5 marks)

graded (5:0)

**Net weight:** *the weight of the food/product/item excluding the weight of the packaging material.*

(a) (ii) Using the information on the label shown evaluate the nutritional value of the crackers. Include four points of information in your answer

28

(4 nutritional points @ 7 marks each)



<i>name of nutrient</i>	@ 1 mark
<i>quantity or comment on quantity</i>	@ 1 mark
<i>function</i>	@ 5 marks

(b) The school canteen staff wear aprons as part of their uniform.

Identify what information the following textile care symbols convey to the consumer. 4

(2 statements @ 2 marks each)

graded (2:1:0)

Symbol	
	Warm iron/Medium iron
	Machine/maximum wash at 60 degrees

(c) The safe use of equipment is essential in the home.

- (i) Describe **two** safety guidelines to follow when using electrical appliances preparing food. **10**

**(2 safety guidelines @ 5 marks each)**

**graded (5:3:0)**

*Follow manufacturers guidelines, do not use with wet hands, avoid trailing flexes, take care with sharp or moving parts, do not leave food preparation appliances unattended, do not use if faulty or broken, take care when using/changing/fitting blades, follow food safety guidelines re thorough washing/hygienic storing of food processor/food blender/food mixer. etc.*

- (iii) Evaluate the contribution technology has made to planning and preparing food. **12**

**(3 evaluation points @ 4 marks each)**

**graded (4:2:0)**

Identify the technology and evaluate its contribution

*internet/search tools make finding recipes/planning meals easier, shopping websites detail the special offers available so lower cost meals can be planned, using food prep. technology has saved time, food prep appliances mean less work/labour, newer appliances are energy saving- reducing costs to run, technology has made cooking more accessible for those with disabilities, technology makes preparing food easier for those with low skill, newer/smart materials are more durable/longer lasting, materials are easier to clean/non-stick coatings, cooking appliances with timers/automatic appliances reduce the risk of food burning, etc*

- (d) (i) Describe **one** modification (change) you would make to each dish shown below to bring the dish in line with current healthy eating guidelines. **16**

**(2 described/elaborated modifications @ 4 marks each)**

**graded (4:2:0)**

- (ii) Explain the reason for the modification you made.

**(2 explained reasons @ 4 marks each)**

**graded (4:2:0)**

Dish	Modification	Explain
Pancakes with chocolate sauce	<i>Remove the chocolate sauce, and add fruit slices, etc.</i>	<i>Accept a link to the food chosen and a nutritional/dietetic point, etc.</i>
Sausage rolls	<i>Use wholemeal flour in place of white flour, etc.</i>	<i>Accept a link to the food chosen and a nutritional/dietetic point, etc.</i>

### Question 13

You and your friends are going on a hill walk.

- (a) (i) Discuss **three** health benefits of regular exercise for teenagers. 9

**(3 health benefits discussed @ 3marks each)** **graded (3:1:0)**

*Reduces stress/creates a 'feel good' factor/improves well-being,  
helps make new friends/socialising,  
helps maintain a healthy weight;  
improves fitness levels/maintains aerobic fitness,  
helps prevent heart disease,  
maintains good muscle tone,  
maintains bone density, etc.*

- (ii) Outline **four** different ways to save money when shopping for food to take on the hill walk. 12

**(4 ways to save money when food shopping @ 3 marks each)** **graded (3:1:0)**

*shop around to find best value,  
use money off coupons,  
buy own brands,  
buy in lower cost supermarkets,  
buy foods in season,  
choose cheaper cuts of meat,  
avail of special offers- buy one get one free,  
bulk buy non-perishable foods if cheaper,  
avoid impulse buying- by making a list and sticking to it,  
avoiding shopping while hungry,  
if using immediately- purchase reduced foods close to sell by date, etc.*

- (b) (i) Plan a healthy packed lunch suitable for a teenager going on a hill walk. 14

**2 complete courses @ 4 marks each** **graded (4:2:0)**

**Balance based on food pyramid: three of four food groups @3 marks** **graded (3:0)**

**Healthy drink @3 marks** **graded (3:0)**

- (ii) Describe **three** meal planning guidelines you followed when planning the packed lunch for the teenager. 15

**(3 described guidelines @ 5 marks each)** **graded (5:2:0)**

*Foods selected are suitable for packing/foods that travel well,  
foods chosen are easy to eat when out and about,  
healthy snacks are chosen that are packed separately,  
foods selected have a variety of colours/textures,  
consider time available to prepare,  
consider skills, avoid high fat/ high salt/overly processed or convenience foods,  
consider sustainability- use foods in season,  
foods chosen provide-protein for growth, vitamin D/calcium for healthy bones & teeth, iron for adolescent females, carbohydrates for energy, etc.*

- (c) The strap of your new bag broke during the walk.  
Discuss **two** forms of redress that you are entitled to when you return the bag to the shop where you bought it. 6

**(2 discussed points @ 3 marks each)** **graded (3:1:0)**

*Repair, replacement, refund, credit note*

- (d) You have decided to upcycle a top to wear on the hill walk.

- (i) Explain **three** factors to consider when upcycling. 12  
**(3 factors explained @ 4 marks)** **graded (4:2:0)**

*Resources/equipment, personal skills/expertise,  
function of the item -fabric suitability etc,  
laundering the item in the future,  
sustainability- ethical and ecological,  
quality of the finished design/aesthetic appeal,  
time available, fashion trends,  
cost, etc.*

- (ii) Sketch, label and describe your upcycled top. 12  
Include reference to the colour(s) and stitches in your answer.

**Sketch (@ 2 marks)** **graded (2:1:0)**

**(5 points-expect 1 label, ref to colour(s), 2 stitches @ 2 marks each)** **graded (2:1:0)**