

GCSE

Home Economics (Food and Nutrition)

General Certificate of Secondary Education GCSE 1973

Mark Schemes for the Components

June 2008

1973/MS/R/08

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All Examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

The reports on the Examinations provide information on the performance of candidates which it is hoped will be useful to teachers in their preparation of candidates for future examinations. It is intended to be constructive and informative and to promote better understanding of the syllabus content, of the operation of the scheme of assessment and of the application of assessment criteria.

Mark schemes and Reports should be read in conjunction with the published question papers.

OCR will not enter into any discussion or correspondence in connection with this mark scheme or report.

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General Certificate of Secondary Education

Home Economics (Food and Nutrition) (1973)

MARK SCHEMES FOR THE UNITS

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1973/01 Paper 1

Section A

1 (a) (i)	ONE mark for each correct answer. THREE required.	3 x 1	[3]
	Oranges Blackcurrants Carrots Potatoes		
(ii)	ONE mark for each correct answer. TWO required.	2 x 1	[2]
	Maintains body's connective tissue Heal wounds Helps iron absorption Antioxidant properties Prevents scurvy Helps in building strong bones Helps in building strong teeth Blood production Maintenance of the skin Healthy gums Support the immune system/helps prevent illnesses Helps prevention of infection		
(iii)	ONE mark for correct answer.	1 x 1	[1]
	Vitamin C is Water Soluble No mark if both boxes ticked		
(iv)	ONE mark for each correct answer. TWO required.	2 x 1	[2]
	Use uncooked when possible Prepare just before use Do not soak Remove skins only if necessary/leave skins on Peel thinly Cut with sharp knife, or tear, to reduce damage to cell walls Use water – in gravy or sauce/soup Use lids on pans Do not overcook Small amount of water in cooking Stir frying Microwaving Steaming Barbecue/Grill/Griddle Roast/bake		

(b) (i)	ONE mark for each correct answer. THREE required.	3 x 1	[3]
	Milk		
	Butter		
	Cheese		
	Oily fish		
	Eggs		
	Carrots		
(ii)	ONE mark for each correct answer. TWO required.	2 x 1	[2]
	Night vision/see in dim light/helps sight		
	Healthy skin		
	Mucous membranes		
	Growth – bones & teeth		
	To make visual purple		
	Antioxidant properties		
	Can protect against cancer and heart disease		
(iii)	ONE mark for correct answer.	1 x 1	[1]
	Vitamin A is fat soluble		
	No mark if both boxes ticked		
(c)	ONE mark for the correct answer.	1 x 1	[1]
	Vitamin D		
	VICALIIII		
L			

2 (a)	ONE mark for each correct answer. FOUR required.	4 x 1	[4]
	Bacon Beef Chicken Duck Ham/Gammon Kidney Lamb/Mutton Liver Pork Turkey Veal Venison Types of offal – heart, kidney, liver etc Burgers – must be qualified – beef, mince, lamb etc Sausages – must be qualified – pork etc Poultry/Game are acceptable, but not in addition to examples of the specific meats in these categories.		
(b)	ONE mark for each correct answer. THREE required.	3 x 1	[3]
	Vitamin A/carotenes Vitamin K B vitamins – Thiamin (B1) Riboflavin (B2) Niacin Pyridoxine (B6) B12 Folic acid Protein Fat Iron Zinc Phosphorus Magnesium		
(c)	ONE mark for each correct answer. TWO required. Safe to eat/kill bacteria Prevent food poisoning Make tender, easier to eat/improve texture Improve flavour/taste Improve colour/appearance Improve keeping qualities	2 x 1	[2]
(d) (i)	ONE mark for the correct answer. Vegetarian/Vegan/lacto vegetarian Rastafarian Buddhist Seventh Day Adventist Babies up to weaning stage Doctors recommendations	1 x 1	[1]

(ii)	ONE mark for the correct answer. TWO required.	2 x 1	[2]
	Religion Culture Environmental Peer pressure Health reasons Animal welfare Dislike/Taste/Texture Economical reasons		
(iii)	ONE mark for the correct answer. THREE required. Quorn Nuts Seeds TVP Tofu Cereals Soya Pulse vegetables (without examples) or Peas, Beans Fish or one named fish – 1 mark only	3 x 1	[3]

3 (a) (i)	ONE mark for correct answer	1 x 1	[1]
	Fat		
(b) (i)	ONE mark for correct answer	1 x 1	[1]
	Carbohydrate		
(ii)	ONE mark for correct answer. THREE required Award marks even if answer (ii) is incorrect.	3 x 1	[3]
	Allows protein to function/do its job Helps keep blood sugar levels constant Follows Healthy Eating guidelines Starchy foods eg potatoes provide other nutrients Reduces fatty food intake Fill you up. Cuts out need for other foods, eg snacks Does not cause tooth decay Slow energy release		
(c) (i)	ONE mark for correct answer. Butter	1 x 1	[1]
(ii)	ONE mark for correct answer.	1 x 1	[1]
	158		
(d)	ONE mark for each correct answer. FOUR required.	4 x 1	[4]
	Activities (accept one example only) At rest (accept one example only) Growth Metabolism Exercise Pregnancy Breast feeding Muscles/movement Maintain normal body temperature Body's function – heartbeat, breathing – at rest Tissue repair Concentration Strength		

(0)	ONE mark for the correct engine	1 1 1	F4.1
(e)	ONE mark for the correct answer. The amount of energy needed when the body is completely at rest. The energy needed when the body is not moving about. Needed for breathing, heart beat etc.	1 x 1	[1]
(f)	ONE mark for the correct answer. Excess is stored as fat – overweight – high risk of obesity.	1 x 1	[1]
(g) (i)	ONE mark for each correct answer. FOUR required. Should supply 25% of daily intake of energy/nutrients. Breaks an overnight fast – stops you feeling hungry. Reduces the risk of eating unhealthy snacks. Missing breakfast can affect: • behaviour/concentration • performance at school/work • poor problem solving abilities • cause low blood sugar levels • feeling hungry – may lead to increased intake of sugary and fatty foods. • energy levels Breakfast cereals as part of a healthy eating and balanced diet, providing slow release energy. Breakfast provides increased levels of vitamins, protein, calcium, iron and carbohydrates (especially breakfast cereals). Most important/first meal of the day.	4 x 1	[4]
(ii)	ONE mark for each correct answer. THREE required. For three marks: Must be balanced, with a drink and be appropriate for a teenager. One item only, maximum of one mark. Milk Cereal. Accept brand names, but not "cereal bars". Porridge. Toast or bread with spread or butter. Peanut butter, marmite, marmalade, jam with toast or bread. Continental style breakfast. Pancakes, crumpets, pikelets. Cold cuts, cheese. Cooked – bacon, sausage, beans, tomatoes, mushrooms, fish, eggs. Drinks – water, fruit/vegetable juice, smoothie, milk, tea, coffee, hot chocolate. Fruit – fresh or dried. Nuts. Yoghurt	3 x 1	[3]

[Total 20]

Section B

4 (a) (i)	ONE mark for correct answer.	1 x 1	[1]
	To give texture/shortening.		
(ii)	ONE mark for correct answer.	1 x 1	[1]
	To give flavour/colour. Hard marg (compared to soft) easier to rub in texture.		
(b)	ONE mark for each correct answer. FOUR required.	4 x 1	[4]
	Bacon/protein/fat Flour/carbohydrate/starch Milk/protein/fat/calcium Tomato/carbohydrate/sugar/vitamin A and C/ NSP.		
(c)	ONE mark for correct answer.	1 x 1	[1]
	Conduction of heat. Ensure pastry base of pastry is cooked. To catch any leakages from the flan. Easier to put in and get out of the oven.		
(d)	ONE mark for each correct answer. FOUR required.	4 x 1	[4]
	Add air/improves texture & taste. Removes lumps in flour.		
	Correct texture. Problems rolling out. Provide steam when cooking. Bind ingredients together.		
	3 Short sharp movements/texture and taste. Small amounts of flour to prevent sticking, but not too much to change the balance of ingredients. Do not turn or over handle to avoid changing proportions of ingredients and spoil texture. Correct size gives correct thickness. Correct thickness for even cooking.		
	4 For flavour texture dextrinisation (giving colour), fat melts, absorbed by flour. Even cooking and colour. To stop over/under cooking.		

(e) (i)	ONE mark for the correct answer. Do not accept pie or tart without qualification.	1 x 1	[1]
	Savoury pies Fruit pies Cornish pasties Jam tarts Sausage rolls Bakewell tart Quiche Lorraine Lemon meringue pie Other acceptable products		
(ii)	ONE mark for correct answer. FIVE required.	5 x 1	[5]
	Pastry Example of Filo Baklava Parcels/bas Spring rolls Accept dishe made with s pastry: Apple strude Samosa (1) Steak and k pudding Hot water crust Pork pies (1) Chocolate E Rough Puff (1)	kets es usually trudel el idney)	
(f)	ONE mark for correct answer. THREE required. Special offers In store tasting Food samples Celebrity in store promotion Flyers/posters In store announcements Product association eg character/uniforms/fancy dress/gifts etc Prominent position eg end of aisle Colourful displays		[3]

[Total 20]

5 (a)	ONE mark for each correct answer. THREE required. Must give different answer for each question. Boiling an egg Convection or conduction Baking a cake Convection or conduction Grilling bacon radiation or conduction	3 x 1	[3]
(b)	ONE mark for each correct answer. TWO required. No zones hotter or cooler than others/even temperature. Dishes can be cooked at the same temperature. Food cooks more quickly/saves energy. Oven will heat more quickly.	2 x 1	[2]
(c) (i)	FOUR marks for the correct answer. Detailed description for FOUR marks. One and two word answers, ONE mark only. Air trapped during mixing/rubbing in. Gas produced by raising agent. Starch from flour gelatinises. Air and steam expand with heat and push up the mixture. Mixture becomes firm and brown. Dextrinises on surface.	4 x 1	[4]
(ii)	THREE marks for the correct answer. Detailed description for THREE marks. One and two word answers, ONE mark only. Starch granules absorb water and swell when heated. Some starch is released as heat is increased. Gelatinisation softens and swells. Colour change.	3 x 1	[3]
(iii)	THREE marks for the correct answer. Detailed description for THREE marks. One and two word answers, ONE mark only. Cell structure broken down, becomes less bulky. Becomes bright green (chlorophyll) when first cooked. If over cooked, changes to olive/green brown. Loss of vitamins. Loss of structure if overcooked. Flavour enhanced.	1 x 3	[3]

6 A HIGH level of response 12 – 15 marks

Both parts of the question will have been considered in depth. Information will be specific to causes of food spoilage and good personal hygiene, with sound recall and application of knowledge.

The candidate can demonstrate the accurate use of spelling, punctuation and grammar.

A range of specialist terms used.

A MID level of response 7 - 11

Both parts of the question will have been considered but responses may be superficial and lacking depth. Information will be reasonably well organised but may be factual recall.

There may be occasional errors in spelling, punctuation and grammar.

The candidate uses some specialist terms.

A LOW level of response 0 - 6

Both aspects of the question may not have been covered.

Some obvious general facts will be given.

Information may be muddled and not used to support points made.

There will be errors in spelling, punctuation and grammar.

The candidate uses few, if any, specialist terms.

Candidates with one two word answers in a list cannot achieve a high level response.

Subject specific material that may be covered by the candidate.

Good Kitchen and Personal Hygienic Practices.

Handle food as little as possible.

Wash hands before handling food.

Tie back long hair.

Wear protective clothing.

Avoid coughing/sneezing over food.

Cover cuts with waterproof dressing.

Blow nose away from food, then wash hands.

Wash hands after toilet.

Avoid wearing jewellery etc that could trap bacteria.

Remove nail varnish.

Report any illness eg diarrhoea.

No smoking.

Keep hot food hot and cold food cold.

Store chilled and frozen foods correctly.

Store raw meat in the refrigerator – below food that is not going to be cooked or reheated.

Keep raw and cooked foods apart.

Wash chopping boards, knives and other equipment and hands, after use with raw food.

Cool left over food quickly and keep it cool.

Observe "sell by" and "best before dates" and stock rotation.

Keep all food covered.

Keep pets away from food preparation.

Use clean equipment and surfaces.

Dispose of rubbish in covered bins.

Use clean spoon, not fingers, to taste food.

Colour coded chopping boards.

Extra care with high risk foods.

Causes of food spoilage.

Natural decay within the food.

Micro-organisms, yeasts, bacteria and moulds.

Yeast – fermentation attack food eg jam

Bacteria – contamination from soil, air, our bodies.

Pathogenic bacterial entering food.

Bacteria allowed to multiply.

Moulds – spores growing on food surfaces.

Enzymes – browning, destroying vitamin content.

Incorrect temperature during preparation, storing and cooking of food.

- Kept too long in danger zone
- Cooling food too slowly prior to refrigeration
- Not reheating food to high enough temperature
- Undercooking
- Storing hot foods below 63°C.

Food prepared too far in advance and stored at room temperature.

Using cooked food contaminated with bacteria.

Not thawing frozen food, especially poultry, correctly.

Cross contamination from raw to cooked food.

Infected food handlers.

Incorrect use of leftovers.

Shelf life – "use by" and "best before" not observed.

Contaminated equipment.

Pests/pets.

Chemical.

Radiation.

Pollution.

1973/02 Paper 2

Section A

1 (a) (i)	ONE mark for correct answer.	1 x 1	[1]
. (4) (1)	CITE MAIN TO CONTOCK AND WOLL		r.1
	To give texture/shortening.		
(!!)	ONE words for a conset on conse	4 4	F47
(ii)	ONE mark for correct answer.	1 x 1	[1]
	To give flavour/colour.		
	Hard marg (compared to soft) easier to rub in texture.		
(b)	ONE mark for each correct answer. FOUR required.	4 x 1	[4]
	Bacon/protein/fat		
	Flour/carbohydrate/starch		
	Milk/protein/fat/calcium		
	Tomato/carbohydrate/sugar/vitamin A and C/NSP		
(c)	ONE mark for correct answer.	1 x 1	[1]
	Conduction of heat.		
	Ensure pastry base of pastry is cooked.		
	To catch any leakages from the flan.		
	Easier to put in and get out of the oven.		
(d)	ONE mark for each correct answer. FOUR required.	4 x 1	[4]
	A del sin/inconserva tandona O tanta		
	1 Add air/improves texture & taste.		
	Removes lumps in flour.		
	2 Correct texture.		
	Problems rolling out.		
	Provide steam when cooking.		
	Bind ingredients together		
	Object also are accepted to a top and to a top		
	3 Short sharp movements/texture and taste.		
	Small amounts of flour to prevent sticking, but not too much		
	to change the balance of ingredients. Do not turn or over handle to avoid changing proportions of		
	ingredients and spoil texture.		
	Correct thickness for even cooking.		
	4 For flavour texture dextrinisation (giving colour), fat melts,		
	absorbed by flour.		
	Even cooking and colour.		
	To stop over/under cooking		

(e) (i)	ONE mark for the correct answer. Do not accept pie or tart without qualification.	1 x 1	[1]
	Savoury pies Fruit pies Cornish pasties Jam tarts Sausage rolls Bakewell tart Quiche Lorraine Lemon meringue pie Other acceptable product		
(ii)	ONE mark for correct answer. FIVE required.	5 x 1	[5]
	Pastry Filo Baklava Parcels/baskets Spring rolls Accept dishes usually made with strudel pastry: Apple strudel Samosa (1) Steak and kidney pudding Hot water crust Pork pies (1) Chocolate Eclairs Flaky Puff Rough Puff (1) Example of use Baklava Parcels/baskets Spring rolls Accept dishes usually made with strudel pastry: Apple strudel Samosa (1) Chocolate Eclairs Vanilla slices		
(f)	ONE mark for correct answer. THREE required. Special offers In store tasting Food samples Celebrity in-store promotion Flyers/posters In-store announcements Product association eg character/uniforms/fancy dress/gifts etc Prominent position eg end of aisle Colourful displays	3 x 1	[3]

[Total 20]

2 (a)	ONE mark for each correct answer. THREE required. Must give different answer for each question.	3 x 1	[3]
	Boiling an egg Convection or conduction		
	Baking a cake Convection or conduction		
	Grilling bacon radiation or conduction		
(b)	ONE mark for each correct answer. TWO required.	2 x 1	[2]
	No zones hotter or cooler than others/even temperature.		
	Dishes can be cooked at the same temperature.		
	Food cooks more quickly/saves energy.		
(c) (i)	Oven will heat more quickly FOUR marks for the correct answer.	4 x 1	[4]
(6) (1)	Detailed description for FOUR marks. One and two word answers, ONE mark only.	7 7 1	ניין
	Air trapped during mixing/rubbing in.		
	Gas produced by raising agent.		
	Starch from flour gelatinises.		
	Air and steam expand with heat and push up the mixture.		
	Mixture becomes firm and brown. Dextrinises on surface.		
(ii)	THREE marks for the correct answer. Detailed description for THREE marks. One and two word answers, ONE mark only.	3 x 1	[3]
	Starch granules absorb water and swell when heated. Some starch is released as heat is increased. Gelatinisation softens and swells. Colour change.		
(iii)	THREE marks for the correct answer. Detailed description for THREE marks.	1 x 3	[3]
	One and two word answers, ONE mark only.		
	Cell structure broken down, becomes less bulky. Becomes bright green (chlorophyll) when first cooked. If over cooked, changes to olive/green brown. Loss of vitamins. Loss of structure if overcooked.		
	Flavour enhanced		

3 A HIGH level of response 12 – 15 marks

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Avoid wearing jewellery etc that could trap bacteria.

Remove nail varnish

Report any illness eg diarrhoea

No smoking

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Keep raw and cooked foods apart.

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Pathogenic bacterial entering food.

Bacteria allowed to multiply.

Moulds – spores growing on food surfaces.

Enzymes – browning, destroying vitamin content.

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- Storing hot foods below 63°C.

Food prepared too far in advance and stored at room temperature.

Using cooked food contaminated with bacteria.

Not thawing frozen food, especially poultry, correctly.

Cross contamination from raw to cooked food.

Infected food handlers.

Incorrect use of leftovers.

Shelf life – "use by" and "best before" not observed.

Contaminated equipment.

Pests/pets.

Chemical.

Radiation.

Pollution.

Section B

4 (a)	ONE mark for one correct answer. SIX required.	6x1	[6]					
	Vitamin Use in the body B12 Prevents anaemia Helps cells divide Nervous system 1 Liver, fish, meat, cheese, milk, eggs, fortified breakfast cereals/bread 1 Prevents anaemia Neurological problems Cereals/bread 1 Prevents anaemia Neurological problems Cereals/bread 1							
	D Works with <u>calcium</u> to form healthy bones & teeth 1 Exposure to sun. Margarine. Oily fish, liver 1 Weak bones 1							
(b) (i)	(b) (i) ONE mark for the correct answer. Water soluble – vitamins C & B group							
(ii)	(ii) ONE mark for the correct answer. Fat soluble – vitamins A D E K							
(iii)	ONE mark for the correct answer. A D E K	1	[1]					
(c) (i)	(c) (i) ONE mark for the correct answer. Nutrients, usually vitamins and or minerals added to strengthen/increase the nutritional value of food.							
(ii)	ONE mark for the correct answer. Breakfast cereals Drinks Biscuits Breads Flour Margarine Yoghurt	1	[1]					

(d)	A HIGH level response 4 marks.	1	x 4 [4		
	List of facts without any explanation, max 2 marks.				
	Forms part of the red blood cell, protein, haemoglobin	Carries oxygen around the body. Prevents – anaemia/weakness/ tiredness/poor resistance to infection/poor concentration and muscle cells not working well			
	Stored in the liver Not essential to meet daily requirements Balanced diet Good sources – offal, red meat, oily fish, poultry and game, fortified bread green leafy vegetables, pulses, dried fruit, fortified breakfast cereals				
	Vegetarian	Bread, cereals, pulses, vegetable	es		
	Avoid blocking iron absorption	Avoid foods and drinks high in tannins, phytates being eaten at same time as iron rich foods.			
	Vitamin C	Needed for absorption of iron.			
	Individual needs				
	Pregnant women Growth of unborn baby but advised not to eat liver or liver products.				
	The elderly	Do not absorb iron efficiently			
	Young women	During menstruation			
	Small children/adolescents	Growing rapidly			

5	(a)	(i)	ONE mark for correct answer.		1 x 1	[1]
			Wholemeal bread			
		(ii)	ONE mark for each correct an	2 x 1	[2]	
			Fibre NSP content Follows healthier eating guidelin Prefer the taste to white bread Aware of the needs for healthier Availability and promotions Use in bought sandwiches etc as Prevents constipation Helps prevent bowel cancer			
	(b)		Marks allocated depend on the o	quality of response. balance of good health/eat well plate.		[12]
			HIGH level 10-12 5 different guidelines used to ex the table.	plain in detail the changes shown in		
			MID level 5-9 3 different guidelines used to ex shown in the table.	plain with some detail the changes		
			LOW level 0-4 Candidates may only give 1 or 2 health guidelines. Answers may detail.			
			Repetition of answer (a) (ii) max	1 mark.		
			Reduction in fat intake	Prevention of associated diseases Oils and fats down Low fat yogurt up Snacks down Whole milk down Semi-skimmed up Ice cream down		
			Reduction in sugar intake	Prevention of associated diseases Carbonated soft drinks down Sugar/confectionary down		
			Reduction in salt intake	Prevention of associated diseases Bagged snacks down		
			Increase in fibre/NSP	Prevention of associated diseases Wholemeal bread up Fruit & vegetables up		
			Food that may have additives	Prevention of associated diseases White bread down Carbonated drinks down Bagged snacks down		

Provision of nutrients	Dairy products – calcium, protein, B group vitamins. Advised to eat moderate amounts. Choose lower fat alternatives. Fruit juices Fruit and vegetables supply vitamins and minerals, part of 5-a-day.
Mineral water up	Contribution to daily water intake
Alternative snacks	Yogurt, fruit & veg, fruit drinks – all up. Bagged snacks down
A variety of foods	Most food groups represented (exception – meat and alternatives)

6 High Level Response: 14 – 20

A full understanding of:

Energy balance.

The health risks if this balance is not achieved.

For a candidate to be awarded a high level balanced responses across the two components are required, supported by relevant and appropriate information with logically developed explanations.

If a candidate answers one part well, but only gives a limited explanation of the other part, they will only be able to achieve the top of medium response.

Medium Level Response: 7 – 13

Some understanding of both components.

Basic information may be expressed in general terms.

Use of some specialist terms.

Low Level Response: 0 – 6

Basic comments.

Facts may not be supported by evidence.

Emphasis on components may be uneven.

Comments may be expressed simply and with little understanding.

Few if any specialist terms used.

If answers given as a list, candidate remains in the low level.

Subject specific material that may be covered by the candidate.

Energy balance and needs.

Energy balance	Maintain constant weight. Need to balance energy taken in as food with
	energy used during activity.
Mechanical	Muscle movement, voluntary and in voluntary.
Chemical	Chemical and metabolic reactions. Growth and repair. Concentration.
Heat	Maintain body temperature.
Different needs	Male, Female, Physical activity, Pregnancy, breast feeding, Age,
	Occupation, BMR, Illness.
Energy from food	Fat (almost twice as much), Carbohydrate (starch and sugar) & Protein.

Health risks – when Balance is not achieved.

Overweight, Obese	Diabetes mellitu	s (IDDM) CHD High	
	blood pressure.	Damage to joints. Risk	
	of complications	during surgery and	
	pregnancy. Loss	s of confidence.	
Underweight	Tired. Headache	es. Muscle waste. Use	
	up fat stores. Lo	ss of confidence.	
	Anorexia.		
Special needs	Pregnancy	- overweight, difficult to	regain figure
		- underweight, increase	ed risk to unborn baby
	Lactation	- problems producing n	nilk
	Illness	- slows down recovery	

[Total 20]

Grade Thresholds

General Certificate of Secondary Education Home Economics Food & Nutrition (Specification Code 1973) June 2008 Examination Series

Component Threshold Marks

Component	Max Mark	A *	Α	В	С	D	E	F	G
Paper 1	100				55	47	39	32	25
Paper 2	100		67	56	46	34			
Coursework	100		79	67	56	45	34	23	12

Specification Options

Foundation Tier

	Max Mark	A *	Α	В	С	D	Е	F	G
Overall Threshold Marks	200				111	92	73	55	37
Percentage in Grade					34.7	29.5	19.0	10.5	3.8
Cumulative Percentage in					34.7	64.3	83.3	93.8	97.7
Grade									

The total entry for the examination was 2304

Higher Tier

	Max Mark	A *	Α	В	С	D	Е	F	G
Overall Threshold Marks	200	159	140	121	102	79	67		
Percentage in Grade		12.2	24.1	29.7	23.6	9.0	0.63		
Cumulative Percentage in		12.2	36.2	66.0	89.7	98.7	99.3		
Grade									

The total entry for the examination was 2076

Overall

	A *	Α	В	С	D	Е	F	G
Percentage in Grade	5.7	11.4	14.1	29.4	19.8	10.3	5.5	2.0
Cumulative Percentage in	5.7	17.2	31.3	60.8	80.6	90.9	96.4	98.5
Grade								

The total entry for the examination was 4380

Statistics are correct at the time of publication.

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