

2009 Home Economics

Standard Grade – Foundation

Finalised Marking Instructions

© Scottish Qualifications Authority 2009

The information in this publication may be reproduced to support SQA qualifications only on a non-commercial basis. If it is to be used for any other purposes written permission must be obtained from the Question Paper Operations Team, Dalkeith.

Where the publication includes materials from sources other than SQA (secondary copyright), this material should only be reproduced for the purposes of examination or assessment. If it needs to be reproduced for any other purpose it is the centre's responsibility to obtain the necessary copyright clearance. SQA's Question Paper Operations Team at Dalkeith may be able to direct you to the secondary sources.

These Marking Instructions have been prepared by Examination Teams for use by SQA Appointed Markers when marking External Course Assessments. This publication must not be reproduced for commercial or trade purposes.

		_	1	1
		E		
		L		
		E		
		M		M
		\mathbf{E}		A
		N	C	R
FO	UNDATION LEVEL	T	o	K
10	ONDITION DEVEL			11
Que	estion 1			
(a)	Two sources of protein			
(4)	• Milk			
	• Lentils			
<i>a</i> >				
(b)	Method of cooking to remove fat			
	• Grilling			
(c)	Nutrient to prevent anaemia			
	• Iron			
(d)	Two foods to prevent constipation			
	• Prunes			
	• Porridge			
(e)	Meaning of symbol			
	• Can be bleached			
(f)	Conditions for bacterial growth			
(1)	~			
	• Food, Warmth, Moisture, Time			
(g)	Two actions to take in event of chip pan fire			
(8)				
	• Cover the pan with a damp cloth			
	• Turn the cooker off			
(h)	Two natural fibras			
(h)	Two natural fibres			
	• Wool			
	• Silk			
(i)	Organisation to report fake football strip to			
	 Consumer Protection (Trading Standards) Department 			
			l	

FOUNDATION LEVEL	E L E M E N T	C O	M A R K
Question 1 (continued)			
(j) Label meaning a product has been tested for safety			
 (k) Two areas of essential household expenditure Clothing Gas/electricity bills 			
ONE MARK for each of sixteen correct answers.			
TOTAL SIXTEEN MARKS	KU	1	16
NB If a candidate ticks more than the required number of boxes, one mark is awarded for each correct answer with one mark being deducted for each incorrect answer. Candidates must not be awarded with a negative score.			

FOUNDATION LEVEL		E L E M E N T	C	M A R K
Question 2				
	e prepared before making the flan			
 Tomato 				
ONE MARK for each of three corn	ect answers.			
TOTAL THREE MARKS		HI	3	3
ii) Correct oven temperature: 1	4O			
ONE MARK			3	1
		HI		
iii) (i) Choice of knife to mix				
(ii) Choice of knife to chop onion: A				
(iii) Choice of knife to slice bread: C				
ONE MARK for each of three corn	ect choices.			
FOTAL THREE MARKS		HI	3	3
(b)				
Food chosen	Healthier Option			
Food chosen Canned pineapple in syrup	Healthier Option Canned pineapple in fruit juice/light syrup/ fresh pineapple			
	Canned pineapple in fruit juice/light syrup/			
Canned pineapple in syrup	Canned pineapple in fruit juice/light syrup/ fresh pineapple Weetabix/Oatibix/Bran Flakes/All Bran/ Shreddies/Muesli/Porridge or suitable non			
Canned pineapple in syrup Sugar Pop Cereal	Canned pineapple in fruit juice/light syrup/ fresh pineapple Weetabix/Oatibix/Bran Flakes/All Bran/ Shreddies/Muesli/Porridge or suitable non sugared cereal brand name Polyunsaturated margarine/ Reduced fat margarine/butter			
Canned pineapple in syrup Sugar Pop Cereal Butter Cream cheese ONE MARK for each of two corrections	Canned pineapple in fruit juice/light syrup/ fresh pineapple Weetabix/Oatibix/Bran Flakes/All Bran/ Shreddies/Muesli/Porridge or suitable non sugared cereal brand name Polyunsaturated margarine/ Reduced fat margarine/butter Half fat spread or acceptable brand name Light cream cheese/cottage cheese/Edam			
Canned pineapple in syrup Sugar Pop Cereal Butter Cream cheese ONE MARK for each of two correctietary targets.	Canned pineapple in fruit juice/light syrup/ fresh pineapple Weetabix/Oatibix/Bran Flakes/All Bran/ Shreddies/Muesli/Porridge or suitable non sugared cereal brand name Polyunsaturated margarine/ Reduced fat margarine/butter Half fat spread or acceptable brand name Light cream cheese/cottage cheese/Edam Reduced fat/low fat/half fat cheese et choices of food that do not help to meet Scottish			
Canned pineapple in syrup Sugar Pop Cereal Butter Cream cheese	Canned pineapple in fruit juice/light syrup/ fresh pineapple Weetabix/Oatibix/Bran Flakes/All Bran/ Shreddies/Muesli/Porridge or suitable non sugared cereal brand name Polyunsaturated margarine/ Reduced fat margarine/butter Half fat spread or acceptable brand name Light cream cheese/cottage cheese/Edam Reduced fat/low fat/half fat cheese et choices of food that do not help to meet Scottish	KU	2	

		E		
		L		
		E M		M
		E		A
FOUNDATION LEVEL		N T	C O	R K
Question 3				
(a) (i) Complete table by numbering the following s	steps			
Pin fabric together and tack	3			
Cut out fabric	2			
Turn to right side and fill with stuffing	5			
ONE MARK for each of three correct answers.				
TOTAL THREE MARKS		НІ	3	3
(ii) Material needed by each pupil: 0.4m				
ONE MARK				
 (iii) Two other items required to complete the toy Thread Polyester stuffing Embroidery thread Squeaker Ribbon 				
ONE MARK for each of two correct answers.				
TOTAL TWO MARKS		HI	3	2

			E L E M E N	C	M A R
FOUNDATIO	ON LEVEL		T	0	K
Question 3 (continued)				
(b)					
E4	Answer could come from				
Feature Hanging loop	so pupils/teachers can store pot stand on wall/ side of unit/convenient hook	 • to help keep department tidy • the pot stands don't get misplaced • the pupils/next class can find the pot stands easily/quickly • the pot stands don't take up limited space in cupboard/drawer • teacher can quickly check the pot stands are all there 			
Non slip ridges	 so that <u>hot</u> pans/dishes/ baking trays don't slide/ slip/move on pot stand it keeps <u>hot</u> pans/dishes/ baking trays steady on worktop 	 saves time searching for pot stands helps prevent (pupils) being burned/scalded mashing/beating/stirring in ingredients is easier/safer for pupils pan/dish/baking tray less likely to fall onto floor/pupil's feet removing food from pan/baking tray easier/safer for pupils prevents mess/spills 			
Variety of colours	 so different colours can be bought for each food prep room so colours can be bought to 	 easy to identify wrongly placed pot stands looks attractive pot stands will be on display looks attractive 			
	tone/contrast with food prep room so a variety of colours can	 pot stands will be on display pupils can choose the colour they 			
Heat resistant to 315°C	be purchased for dept so it withstands all temperatures used when cooking food/will not melt	 prefer/favourite colour safe for pupils to lay on any hot pan/baking tray/dish protects worktop 			
	so it protects work top	 work surface unlikely to be spoiled/ burned will help maintain the appearance of the HE dept 			
	 so pan/baking tray/hot dish will not damage the pot stand so pot stand can be hung 	 appearance of pot stand will be maintained pot stand will last longer saves replacing pot stand 			
Home Econo	mics Department.	how the design feature is useful to the			
	X for each of two reasons why each UR MARKS	point is important.	KU	2	4

FOUNDATION LE	VEL		E L E M E N	C	M A R
Question 4	VEL		1	U	IX
a) (i) Choice of	tumble dryer for Mrs Reid:	A			
ONE MARK					
ii) Reasons for o	choice				
	ONE MARK	ONE ADDITIONAL MARK			
Information	Linking to case study	Explanation Explanation			
Sensor Dry	 Mrs Reid is a very busy hairdresser She dries lots of towels for her business 	+ towels won't look so creased + saves money + saves time checking to see if towels are dry			
8kg/2 nd largest/ large drying	Mrs Reid dries lots of towels for her business	+ saves energy + reduces number of loads + can dry more at one time + wet towels won't be lying around			
load	Mrs Reid is a very busy hairdresser	+ there will be enough dry towels for customers' hair			
Stacking kit	Mrs Reid wants to put the new tumble drier on top of her washing machine	+ saves time walking between machines + won't have to carry heavy towels + easy to transfer towels from washing machine to tumble dryer + saves space + saves buying kit separately + tailor made for this machine/can stack safely			
Same day delivery	 Mrs Reid is a very busy hairdresser She needs to replace her tumble dryer quickly 	 + will be able to continue to get towels dried for business + wet/used towels won't pile up + Mrs Reid will be able to carry on hair dressing + Mrs Reid won't have to cancel appointments + there will be enough dry towels for customers' hair/next day 			
ONE MARK for Consequential market fithe candidate has	_	ng to the needs of Mrs Reid. er (B or C), then markers should use			
	each of two points linking the reach of two explanations relating	levant information to the case study. g to the needs of Mrs Reid.			
TOTAL FOUR M	IARKS		НІ	4	

FOUNDATION LEVEL	E L E M E N T	C O	M A R K
Question 4 (continued) (b) Reasons why water is important in the diet • Required for all body fluids • Helps in the removal of waste products/toxins • Lubricates joints/mucous membranes • Prevents dehydration • Required as part of many metabolic reactions • Some nutrients are dissolved in water for better absorption • Helps regulate body temperature • Aids digestion/absorption (of nutrients) • Improves concentration • Healthy skin ONE MARK for each of two correct answers. TOTAL TWO MARKS	KU	1	2

FOUNDATION L	EVEL		E L E M E N T	C 0	M A R K
Question 5					
a) (i) Choice of	f mug for Martin and Ann: (C	ні	4	1
ii) Reasons for	choice				
	ONE MARK	ONE ADDITIONAL MARK			
Information	Linking to	Explanation			
Insulated	they want to be able to keep the tea hot	 + will not cool down too quickly (when working in the greenhouse/ outside/walking between house and greenhouse) + Martin and Ann can enjoy their tea warm/hot for longer 			
Only £19.99 per pair/ cheapest price	Martin and Ann are pensioners	+ may not have high income + may only have old age pension + saves them money			
for two	Martin and Ann each want a new mug	+ can have matching pair + may not have high income + may only have old age pension + saves them money			
Largest/large/ 480ml capacity	the mugs need to be able to hold large quantities of liquid	 + won't have to return to house to refill mug + may not have facilities in greenhouse for making hot drinks + won't get thirsty as quickly + will allow them to work for longer 			
Cool touch	 the mugs need to be safe to use/mugs will contain hot tea they take a mug of tea out to the green house 	+ can be carried (to greenhouse/ garden) without spilling/dropping + helps prevent burns/scalds			
	Martin and Ann are pensioners	+ helps prevent burns/scalds + elderly may need to use both hands to carry mug			
Unbreakable	the mugs need to be safe to use	+ saves having to replace if dropped + helps prevent cuts + pensioners/elderly may be shaky/ have arthritis			
	Martin and Ann are pensioners	+ they may be shaky/have arthritis/ may be clumsy + may be more liable to drop mug			
	• they use the mugs in the greenhouse	+ more likely to have stone floor			

ONE MARK for each of two points linking the in + ONE MARK for each of two explanations relat	-				
Consequential marking If the candidate has chosen the wrong mug (A or professional judgement and award marks as follow					
ONE MARK for each of two points linking the re ONE MARK for each of two explanations relating					
TOTAL FOUR MARKS	F	II	4	4	

	E L E M E	C	M A R
FOUNDATION LEVEL	T	О	K
Question 5 (a) (continued)			
(iii) Most suitable mug for Yolanda: B			
ONE MARK	ні	3	1
(b) Reason why exercise contributes to good health Helps prevent obesity/controls weight Helps prevent constipation Reduces risk of heart disease Reduces stress/increases feelgood factor Helps us to sleep soundly Tones muscles/makes heart/lungs work more efficiently Improves bone density Improves stamina Gives people strength and vitality/keeps you fit Aids appetite Increases suppleness of joints May help keep blood pressure down ONE MARK for correct reason. (c) Reason why sleep contributes to good health To allow the body to repair/replace damaged cells To give our body time to rest To allow muscles to relax Reduces stress So that we wake up feeling relaxed/less tired To help ensure we are mentally alert/can concentrate Feel more energetic	KU	1	1
ONE MARK for correct reason.	KU	1	1

			E L E M E N	C	M A R
FOUNDATION LEV	/EL		T	Ö	K
Question 6					
(a) (i) Choice of b	ag for Ian: B				
ONE MARK			ні	4	1
(ii) Reasons for ch	noice				
0	NE MARK	ONE ADDITIONAL MARK			
Information	Linking to	Explanation			
Medium trolley	Ian can't carry heavy	+ he can pull the case along			
case	loads	+ case has wheels + won't have to get parent/anyone			
	• Ian is three years old	else to carry his bag			
	Ian needs a bag to carry	+ won't have to leave toys behind			
	lots of toys	+ won't be disappointed as toys will			
	Ian is going on holiday	fit in			
		+ will have his chosen toys on holiday + will have toys to keep him happy/			
		occupied on holiday			
		+ can take a bigger selection of his			
		toys			
Available in red,	He likes bright colours	+ can choose colour he likes best			
yellow, blue and	Ian is three years old	+ bag will be easy to spot on holiday/			
green Beach ball	Ian likes playing games	when travelling + can enjoy ball games/football/			
included	 Ian likes playing games Ian is going on holiday	catch on holiday			
	Tan is going on nonday	+ can play with parents/other children			
		+ helps prevent boredom on holiday			
		+ he gets exercise			
Matching wallet	• He has his own	+ can keep money safe on holiday			
available	(spending) money	+ allows him to keep track of his own money			
	Ian is going on holiday	+ teaches responsibility			
Weighs 1kg/2 nd	Ian can't carry heavy	+ doesn't add significantly to weight			
lightest/light	loads	Ian has to transport			
	• Ian is three years old	+ toys themselves may be heavy			
	YY 1 1 .	enough			
	He needs a bag to carry lots of toys	+ weight of bag will not add significantly to weight of toys			
	lots of toys	being transported			
L	I				
	ch of two points linking the in each of two explanations relati				
	chosen the wrong bag (A or C), then markers should use their			
professional judgem	ent and award marks as follow	YS:			
	ch of two points linking the rech of two explanations relating	levant information to the case study. g to the needs of Ian.			
TOTAL FOUR MA	ARKS		ні	4	4

	E		
	L E		
	M		M
	E N	C	A R
FOUNDATION LEVEL	T	o	K
Question 6 (a) (continued)			
(iii) Most suitable bag for Morag: A			
ONE MARK	ні	3	1
(b) Methods of food preservation			
Pasta Snack Pot: Drying/dried/dehydration			
Beetroot slices in vinegar: Pickling/pickled/stored in acid			
ONE MARK for each of two correct answers.			
TOTAL TWO MARKS	KU	1	2

Standard Grade Home Economics Coverage of Course Objectives

Year: 2009 Paper: Foundation

Question		Knowledge and Understanding		Marks	Handling Information		Marks	
		CO1	CO2		CO3	CO4		
1	a b c d e f g h i j k	2 1 1 2 1 1 2 2 2 1 1 1 2		16			0	
	a(i)			4	3			
2	a(ii)				1] _	
	a(iii)				3		7	
	b		4					
	a(i)			4	3			
3	a(ii)				1			
3	a(iii)				2		6	
	b		4					
	a(i)			2		1		
4	a(ii)					4	5	
	b	2						
ĺ	a(i)					1		
5	a(ii)			2		4		
	a(iii)				1		6	
	b	1						
	c	1						
6	a(i)			2		1		
	a(ii)					4		
	a(iii)			4	1		6	
	b	2						
Totals		22	8	30	15	15	30	

Standard Grade Home Economics Coverage of Essential Knowledge in Knowledge and Understanding Element

Year: 2009 Paper: Foundation

Question		Indicate Marks Available for each Sub-Question									
	1	a	b	С	d	e	f	g	h		
1	a	2									
	b		1								
	с		1								
	d			2							
	e				1						
	f				1						
	g					2					
	h						2				
	i							1			
	j							1			
	k								2		
2	b		4								
3	b						4				
4	b	2									
5	b							1			
	С							1			
6	b				2						
Totals		4	6	2	4	2	6	4	2		

Foundation level 2009

Reference sources for Essential Knowledge Questions

Bibliography

Question	Title	Author/publisher	Information
1 (a) – (k)	Home Economics S Grade Course Notes	A McGregor/Leckie & Leckie	Essential knowledge statements a - h
2(b)	Home Economics S Grade Course Notes	A McGregor/Leckie & Leckie	Current Dietary Advice
3(b)	Understanding Design in the Home	Picton/Blackie	Design
	Home Economics S Grade Course Notes	A McGregor/Leckie & Leckie	
4(b)	Home Economics S Grade Course Notes	A McGregor/Leckie & Leckie	Functions of water
	Food and Nutrition	Tull	
5(b)	Home Economics S Grade Course Notes	A McGregor/Leckie & Leckie	Exercise
	All About Health	Baldwin/Oxford	
	Understanding Health and Safety	Picton/Blackie	Sleep
6(b)	Home Economics S Grade Course Notes	A McGregor/Leckie & Leckie	Preservation of food

[END OF MARKING INSTRUCTIONS]