CAMBRIDGE INTERNATIONAL EXAMINATIONS

GCE Advanced Level

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9336 FOOD STUDIES

9336/02 Paper 2 (Practical), maximum raw mark 100

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

Cambridge will not enter into discussions about these mark schemes.

Cambridge is publishing the mark schemes for the October/November 2013 series for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level components and some Ordinary Level components.

Page 2		,	Mark Scheme	Syllabus	2. D	
	r age z		GCE A LEVEL – October/November 2013	9336	8	
					S.	1
1A	Recipe (a) (i)		ce dishes, each showing a different method of cooking		(4 × ½)	Bride
	(ii)	Suita	ability of dish selected to show that use		(4 × ½)	36
	(iii)	Varie	ety of skills without repetition		(4 × ½)	[2]
	(b) (i)	Dish	which includes at least one good source of calcium		(1)	[1]
	(ii)	Degi	ree of skill avoiding repetition with Section (a)(i)		(1)	[1]
					Maximum	10
	Time PI	<u>an</u>			Maximun	n 8
	Written					
	(i)	old a pres- anim and	sons for toughness in meat animal – long – thick muscle fibres – well-used musence of collagen / connective tissue – all not rested before slaughter – glycogen in muscles less lactic acid is produced during hanging – rrect method of cooking – dry method for tough meat		(6 points)	
		beat acid enzy	derising before cooking ing / pounding — cutting across muscle fibres / mincin marinade — lemon juice / vinegar / wine — vmes which break down proteins — ain from papaya — bromelin from pineapple — ficin fro	-	(6 points)	
	(ii)	prote extra thian fat m muse	nges when meat is cooked by a moist method ein coagulates / meat shrinks — juices squeezed out - actives, water soluble vitamins etc. go into water — nine destroyed by heat / some loss of riboflavin and nia nelts — collagen — insoluble — converted to gelatine cle fibres loosen — meat tenderizes — ur change from red — myoglobin — to brown — hem	acin – – soluble – ichrome –	(8 points) s = 1 mark	[10]
	/:::\	Droo	tical reasons for chains	·		
	(iii) (iv)		itical reasons for choice itional value of dish chosen in (b) .			[4] [4]
	(14)	Nuti	nional value of districtions of in (b).			
					Maximum	18
С	`´ Ma	east f rks to	Serving our dishes, each showing a different method of cooking be allocated for each dish according to degree of skill foods.	and	lange 5–7)	[26]
			ch includes at least one good source of calcium – skil maximum if skill is lacking)	ful		[8]

Maximum 34

(ii) So (iii) Vo (b) (i) Do Time Plan Written Ans	our dishes, each showing a different use of sugar. Suitability of dish selected to show that use Yariety of skills included without repetition Dish which includes at least one good source of calcium Degree of skill involved avoiding repetition with Section (a)		$(4 \times 1/2)$ $(4 \times 1/2)$ $(4 \times 1/2)$ (1) (1) Maximum	[2] [1] [1]
(a) (i) For (ii) Sor (iii) Varitien Answer	our dishes, each showing a different use of sugar. Suitability of dish selected to show that use Yariety of skills included without repetition Dish which includes at least one good source of calcium Degree of skill involved avoiding repetition with Section (a)		$(4 \times \frac{1}{2})$ $(4 \times \frac{1}{2})$ (1)	[2] [1] [1]
(iii) Va (b) (i) Di (ii) Do Time Plan Written An	ariety of skills included without repetition bish which includes at least one good source of calcium begree of skill involved avoiding repetition with Section (a)		$(4 \times \frac{1}{2})$ $(4 \times \frac{1}{2})$ (1)	[2] [1] [1]
(b) (i) Di (ii) De Time Plan Written An	Dish which includes at least one good source of calcium Degree of skill involved avoiding repetition with Section (a)		(1)	[1] [1]
(ii) Do Time Plan Written An	Degree of skill involved avoiding repetition with Section (a)		(1)	[1]
<u>Time Plan</u> Written An				
Written An			Maximum	10
Written An				
			Maximuı	m 8
av ch re fe av	Vays to reduce sugar consumption void adding sugar to beverages — use artificial sweetene hoose diet / low calorie carbonated drinks — educe amount of sugar in recipes — avoid canned fruit in ewer cakes and biscuits — reduce consumption of sweets void sugar-coated cereals — read nutritional labels and choose fresh fruit juice instead of cordial etc.	syrup – s / chocolate –		
Di hi a le: ca Oi ex ar m Co hy fa st: To ac pl:	Problems associated with a diet high in sugar biabetes igh level of glucose in blood — body does not produce en hormone which stimulates the body to make use of glucose and to high level of glucose in blood — and its excretion an damage kidneys / eyes / feet / nervous system / heart biasity excess sugar I diet — converted to fat — stored under skin round internal organs — extra weight puts strain on heart may cause hypertension / CHD / arthritis / breathing difficustoronary Heart Disease extra weight puts experienced for a poor blood circulation atty deposits along artery wall / narrow / block — tarve heart muscles of oxygen — heart attack footh decay cids — produced by bacteria in mouth — break down sugarded is a sweet sticky residue coating the teeth — acteria convert sugars to acids — dissolve tooth enamel/	ose / for energy in urine — n — adipose ti — lties — gars on teeth — form holes	ssue /	[10]

(iii) Practical reasons for choice

(iv) Nutritional value of dish chosen in (b)

Maximum 18

[4]

[4]

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C Results and Serving

(a) At least four dishes, each showing a different use of sugar.

Marks to be allocated for each dish according to the degree of skill and variety of foods.

(Range 5–7)

(b) Dish which includes a good source of calcium – skilful (Reduce maximum if skill is lacking)

[8]

Maximum 34

(4 × ½) (4 × ½) (4 × ½) (1) (1) Maximum Maximum	[2] [1] 1 1 10
(4 × ½) (1) (1) Maximum Maximui	[2] [1] 1 1 10
(4 × ½) (1) (1) Maximum Maximui	[2] [1] 1 1 10
(1) Maximum Maximui	1 1 10
Maximum Maximui) – –	10
Maximui) – –	
) — —	m 8
_	
(4 points)	
extrins biscuits - (12 points)	
ts = 1 mark	[10]
ts = 1 mark	[10] [4]
	extrins biscuits

Maximum 18

3A

Page 6	Mark Scheme	Syllabus	er	l
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C Results and Serving

(a) At least four dishes, each showing a different method of creating / introducing colour Marks to be allocated for each dish according to degree of skill and variety of foods. (Range 5–7)

(b) Dish which includes at least one good source of calcium – skilful (Reduce maximum if skill is lacking)

[8]

Maximum 34