

UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS

International General Certificate of Secondary Education

MARK SCHEME for the May/June 2006 question paper

0648 FOOD AND NUTRITION

0648/02

Paper 2 maximum raw mark 100

This mark scheme is published as an aid to teachers and students, to indicate the requirements of the examination. It shows the basis on which Examiners were initially instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began. Any substantial changes to the mark scheme that arose from these discussions will be recorded in the published *Report on the Examination*.

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.

Mark schemes must be read in conjunction with the question papers and the *Report on the Examination*.

The minimum marks in these components needed for various grades were previously published with these mark schemes, but are now instead included in the Report on the Examination for this session.

- CIE will not enter into discussion or correspondence in connection with these mark schemes.

CIE is publishing the mark schemes for the May/June 2006 question papers for most IGCSE and GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.

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Scheme of Assessment

Allocation of marks – 150

The marks should be recorded on the Practical Examination Working Mark sheet.

(The final raw mark must be **scaled to a mark out of 100** before transferring to the MS1 mark sheet).

The total of 150 is divided thus:

1	Preparation session – choice and plan	50
2	Method of working	55
3	Quality of dishes	35
4	Serving and appearance	10

Detailed Allocation of Marks

1	Preparation session	(50 marks)	Choice	20
	(a) Choice (Max 20)		Plan	30

General Points – applicable to each test.

The dishes chosen should meet the requirements of the specific tasks and:

- (i) show a variety of skills and processes
- (ii) combine to form well balanced meals
- (iii) have attractive appearance
- (iv) show thought for economy in fuel and food
- (v) show an awareness of the time available for cooking and serving

Note **quantities** chosen – these should be adequate for the number being served. Under choice, give credit for variety in texture and for inclusion of **local fruit** and **vegetables**.

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(b) Plan of Work (Max 30)

Please note and mark the following points:

(i) Recipe section

(5 marks)

Dishes chosen must be clearly listed with the quantity of each ingredient for each dish.

(ii) Planning section

(25 marks)

- 1 A logical sequence of work from beginning of test to final serving – each item followed through to serving stage. This is the most important part of the plan. It should show the candidate's ability of visualise exactly what he/she is going to do throughout the test time and write it down in clear sequence with adequate timing. **(10 marks)**
- 2 Clear indication of method for each dish, e.g. make cake – creaming method, make sauce – roux method. **(5 marks)**
- 3 Oven temperature required for each dish and cooking time – although this can be incorporated in **(a)**. **(3 marks)**
- 4 Time allowed for cleaning and dish washing at convenient points in plan (not necessarily after every dish). **(3 marks)**
- 5 Allowance of time for serving meals in correct order of courses. Detailed timing is not required – a sensible guide is preferable. **(2 marks)**

(iii) Shopping List

Should give correct total quantities of ingredients required under correct headings. Any special equipment should be stated. **(2 marks)**

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2 Marking of Method of Working (55 marks)

As a general guide, 28/55 for methods which just deserve a pass, 33/55 for a real pass and 44/55 for very good methods, excellent timing and a variety of skills shown. A mark will only be given to a very able candidate. A candidate who shows little skill and who has not chosen sufficient dishes for the available time cannot be given more than 25/55 for this section.

The majority of candidates will probably obtain between 28 and 42 marks.

Method of Working (Maximum 55 marks)

The following points should be considered when deciding on this mark. The suggested sections are intended to guide the Examiner in assessing the total mark to be given for this section.

- (a) The candidate's **general approach** – business-like and confident – should show in working that he/she has knowledge and clear understanding of recipes and methods being used. Sense of timing. **(20 marks)**
- (b) **Manipulation** – correct use of tools, skill in handling mixtures, and large and small equipment. Correct preparation of dish, meat vegetables, fruit, seasonings and flavourings, etc. **(20 marks)**
- (c) Judgment of consistencies of various mixtures for e.g. scone mixtures, cake mixture etc. **before** actual cooking. **(10 marks)**
- (d) Good hygienic methods and economy in the use of fuel and food. **(5 + 5 marks)**
- (e) Oven management – control of heat on top of stove. Knowledge of correct oven temperatures and positioning of dishes in the oven. **(5 marks)**
- (f) Tidy and methodical work throughout. **(5 marks)**

If a candidate is extremely untidy then more than 5 marks may be deducted – if this happens please comment on the mark sheet. **Where a candidate is preparing very simple dishes the maximum mark of 55 should be reduced accordingly.**

The term 'fresh vegetables' includes the preparation and cooking of root and/or green vegetables. Salads, which should include a variety of vegetables and fruits, may merit a maximum of 6, dressing up to 4 according to type and skill involved.

NB. Tinned, frozen and freeze-dried vegetables and instant coffee – maximum 2 marks each. Commercially prepared fruit juice or squash = 0. These marks apply to result only. If serving and presentation of vegetables good then give credit in last section, but for tinned juice etc. no mark.

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3 Quality of Dishes (maximum mark 35)

All dishes must be tasted. Each dish must be marked according to flavour, texture and edibility. Please note that the maximum marks must be reduced for simple dishes involving little skill. Dishes added after the planning session has been completed will not receive a mark. In assessing the quality of finished dishes, comments should be written on the assessment sheet about the flavour, texture and edibility of each dish.

Serving and appearance are assessed with a separate mark.

4 Serving and Appearance (maximum 10 (usually 5 + 5))

Serving – note the following points: sequence of serving meal, correct temperature of food and serving dishes.

Appearance – attractive presentation, tasteful garnishing and decoration. Cleanliness of dishes and tablecloth. Correct use of doyleys (doilies) and dish papers. Suitable flower arrangement.

To pass a candidate must work systematically using a reasonable degree of skill, good methods and sound recipes. At least **half** of the resulting dishes should be of a **good** standard – well served, with good appearance, consistency, texture and flavour. If the **main** dishes of the test are inedible, then a pass result should not be given.

NOTE: The raw mark awarded to each candidate out of 150 must be scaled to a mark out of 100 before transferring to the MS1 mark sheet (max 100).

Marks for Choice

1	(a) Three dishes using herbs and spices	[3 x 3]	
	(b) Main course or dessert (dependent upon dish used from (a))	[4]	
	Accompaniments	[2 + 3]	
	Drink	[2]	
			[Total: 20]
2	(a) Main course	[3]	[3]
	Accompaniments	[3 + 3]	[6]
	Choice of dessert	[3 + 3]	[6]
	(b) Whisked cake	[3]	[3]
	Cold drink	[2]	[2]
			[Total: 20]
3	(a) Selection of dishes for the celebration	[4 x 4]	[16]
	(b) Cake with decoration	[4]	[4]
			[Total: 20]
4	(a) Three dishes using the listed cooking methods	[3 x 3]	[9]
	(b) Main course or dessert (dependent upon dish used from (a))	[4]	[4]
	Accompaniments	[2 + 3]	[5]
	Fruit drink	[2]	[2]
			[Total: 20]
5	(a) Batter mixture	[3]	[3]
	Main course or dessert (dependent on use of the batter)	[4]	[4]
	Accompaniments	[2 + 3]	[5]
	(b) Shortcrust pastry dish	[4]	[4]
	Small cakes	[4]	[4]
			[Total: 20]
6	(a) Main course and dessert	[3 + 3]	[6]
	Accompaniments	[3 + 3]	[6]
	(b) Biscuits by the melting method	[4]	[4]
	Creamed cake	[4]	[4]
			[Total: 20]
7	(a) Three dishes containing Vitamin C	[3 x 3]	[9]
	(b) Packed meal	[3 x 3]	[9]
	Drink	[2]	[2]
			[Total: 20]
8	(a) Main course	[3]	[3]
	Accompaniments	[2 + 3]	[5]
	Choice of dessert	[3 + 3]	[6]
	(b) Two dishes using different raising agents	[3 + 3]	[6]

Marks for Quality

1	(a) Three dishes using herbs and spices	[3 x 7]	
	(b) Main course or dessert (dependent upon dish used from a)	[6]	
	Accompaniments	[3 + 3]	
	Drink	[2]	
			[Total: 35]
2	(a) Main course	[7]	[7]
	Accompaniments	[3 + 4]	[7]
	Choice of dessert	[6 + 6]	[12]
	(b) Whisked cake	[7]	[7]
	Cold drink	[2]	[2]
			[Total: 35]
3	(a) Selection of dishes for the celebration	[4 x 7]	[28]
	(b) Cake with decoration	[7]	[7]
			[Total: 35]
4	(a) Three dishes using the listed cooking methods	[3 x 7]	[21]
	(b) Main course or dessert (dependent upon dish used from a)	[7]	[7]
	Accompaniments	[2 + 3]	[5]
	Fruit drink	[2]	[2]
			[Total: 35]
5	(a) Batter mixture	[7]	[7]
	Main course or dessert (dependent on use of the batter)	[7]	[7]
	Accompaniments	[3 + 4]	[7]
	(b) Shortcrust pastry dish	[7]	[7]
	Small cakes	[7]	[7]
			[Total: 35]
6	(a) Main course and dessert	[7 + 7]	[14]
	Accompaniments	[3 + 4]	[7]
	(b) Biscuits by the melting method	[7]	[7]
	Creamed cake	[7]	[7]
			[Total: 35]
7	(a) Three dishes containing Vitamin C	[3 x 7]	[21]
	(b) Packed meal	[3 x 4]	[12]
	Drink	[2]	[2]
			[Total: 35]
8	(a) Main course	[7]	[7]
	Accompaniments	[3 + 3]	[6]
	Choice of dessert	[6 + 6]	[12]
	(b) Two dishes using different raising agents	[5+ 5]	[10]