SAMPLE ASSESSMENT TASKS

FOOD SCIENCE AND TECHNOLOGY
GENERAL YEAR 12

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Sample assessment task

Food Science and Technology - General Year 12

Task 1 – Unit 3

Assessment	type:	Response
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Conditions

Time for the task: 40 minutes In-class test to be completed under test conditions Answer all questions

Task weighting

5% of the school mark for this pair of units

Tes	t – N	utrition for health	(40 marks
1.	(a)	Identify two main categories of vitamins. Name one vitamin in each category. (i)	(4 marks)
		(ii)	
	(b)	Describe the main differences between the two categories of vitamins.	(5)
2.	(a) 	Briefly explain why vitamin C should be consumed every day.	(2 marks)

	(b)	Identify two benefits of consuming vitamin C. (i)	(2 marks)
		(ii)	
3.	Mar	ny areas of Australia enjoy extended periods of warm, sunny weather conditions.	
	(a)	Discuss two reasons why Australians may be deficient in vitamin D. (i)	
		(ii)	
	(b)	Identify two ways office workers in Australia could increase their vitamin D intake (i)	(2 marks)
		(ii)	
	(c)	Identify the condition associated with a deficiency of vitamin D. Outline the signs of vitamin D deficiency.	of (2 marks)
		Condition:	

(a) Discuss the under-consumption of nutrients related to anaemia. Include the com		
	symptoms of anaemia.	(3 mar
 (b)	Discuss why vegetarians and women may be at greater risk of developing anaem	
(D)	Discuss willy vegetarians and women may be at greater risk of developing anaem	(3 ma
Dicc	uss the under consumption of putrients associated with constination. Make	
	uss the under-consumption of nutrients associated with constipation. Make mmendations to improve the nutrient imbalance.	(3 ma
Des	cribe the deficiency condition osteoporosis and its effect on long-term health.	(3 m
	B group vitamins work together to release energy from carbohydrates, proteins a	
Nan	ne three vitamins in the B group.	(3 m

	d food sources of sodium include fresh, unprocessed foods, such as vegetables.	
(a) 	Briefly discuss why Australians tend to consume too much sodium.	(2 mai
Diet	ary guidelines recommend that Australians choose low-salt foods and use salt spar	ingly.
(b)	Outline four tips to reduce salt in the diet.	(4 ma

Marking key for sample assessment task 1 – Unit 3

1. (a) Identify **two** main categories of vitamins. Name **one** vitamin in each category.

Description	Marks	
Accurately identifies two main categories of vitamins; correctly names one vitamin for	n for 4	
each category	4	
Accurately identifies two main categories of vitamins; correctly names one vitamin for	2	
one category only	3	
Accurately identifies one main category of vitamins and correctly names one vitamin	2	
for that category	2	
Accurately identifies one main category of vitamins; no correctly named vitamin	1	
Total	/4	

Answer could include, but is not limited to:

- fat-soluble vitamins, such as vitamin A, vitamin D
- water-soluble vitamins, such as vitamin B1 (thiamine), vitamin B2 (riboflavin), vitamin B3 (niacin), vitamin C (ascorbic acid)
- (b) Describe the main differences between the two categories of vitamins.

Description	Marks
Provides an accurate description of the main differences between the two	2
categories of vitamins	5
Provides a general description of differences between the two categories of	2
vitamins	2
Provides a brief, limited statement on differences; may note one or two vitamins	1
Total	/3
Anguage sould include but is not limited to:	

Answer could include, but is not limited to:

- fat-soluble vitamins: soluble in lipids, stored in body tissues, tend to remain there for a period of time
- water-soluble vitamins: soluble in water, not stored in body for extended period of time, easily lost through urination
- 2. (a) Briefly explain why vitamin C should be consumed every day.

Description	Marks
Provides a brief, accurate explanation why vitamin C should be consumed every day	2
Provides a general explanation why vitamin C should be consumed every day	1
Total	/2

Answer could include, but is not limited to:

 vitamin C is water soluble, not stored in the body, excess is lost through urination and, hence, needs to be replaced every day (b) Identify **two** benefits of consuming vitamin C.

Description	Marks
For each of two reasons:	
Provides valid and relevant reason for including vitamin C in the diet	1
Total	/2
Answer could include, but is not limited to:	
prevents scurvy, a deficiency of vitamin C disease	
• the formation of connective tissue (collagen), cells in blood vessels, skin and other body tissues	
development of healthy gums and teeth	

3. (a) Discuss **two** reasons why Australians may be deficient in vitamin D.

Description	Marks
For each of two reasons:	
Provides a detailed, accurate description why Australians may be deficient in vitamin D	2
Provides a general description why Australians may be deficient in vitamin D	1
Total	/4

Answer could include, but is not limited to:

- limited exposure to sunlight due to working indoors during sunlight hours
- not consuming the recommended daily intake of vitamin D; limited consumption of food rich in vitamin D sources, such as fish, fish oils, egg yolks, cheese, beef, liver; strict vegan diet
- wearing long robes and/or head coverings
- being homebound
- darker skin; increased skin pigmentation
- older adults; may produce less vitamin D as they get older
- (b) Identify **two** ways office workers in Australia could increase their vitamin D intake.

Description	Marks
Correctly identifies two valid ways office workers could increase their vitamin D intake	2
Correctly identifies one valid way office workers could increase their vitamin D intake	1
Total	/2

(c) Identify the condition associated with a deficiency of vitamin D. Outline the signs of vitamin D deficiency.

Description	Marks
Correctly identifies the condition associated with vitamin D deficiency as rickets	1
Provides an accurate outline of the signs of vitamin D deficiency	1
Total	/2

4. (a) Discuss the under-consumption of nutrients related to anaemia. Include the common symptoms of anaemia.

Description	Marks
Provides an accurate description of developing anaemia as a result of an under-	
consumption of iron rich foods OR iron not being absorbed; a reduction of red blood	3
cells, lack of oxygen to cells leading to fatigue, feeling weak, tiredness and general	3
ill-health	
Provides a general description of developing anaemia, reference to a diet low in	2
iron; lack of oxygen, draws some connection to fatigue, tiredness	2
Provides a brief, limited statement of anaemia and lack of iron, vague connection to	1
fatigue, tiredness	1
Total	/3

(b) Discuss why vegetarians and women may be at greater risk of developing anaemia.

Description	Marks
Provides an accurate description of the need for food sources rich in iron, some of	
which may not be suitable for vegetarian diets; for example, red meat; compensate	3
for blood loss due to menstruation	
Provides a general description of the need for iron and notes food source; some	2
connection to vegetarian diets; blood loss due to menstruation	2
Provides a brief, limited description of anaemia; vague connection to vegetarian diet	1
and menstruation	1
Total	/3

5. Discuss the under-consumption of nutrients associated with constipation. Make recommendations to improve the nutrient imbalance.

Description	Marks
Provides a detailed, accurate description of how the under-consumption of	
insoluble and soluble fibre, and water, contributes to constipation;	
recommendation to improve nutrient imbalance by increasing fibre intake from a	3
variety of nutrient-dense foods, such as high-fibre breakfast cereals, vegetables and	
legumes	
Provides a general description on an under-consumption of some nutrients,	
contributing to constipation; broad statement regarding the inclusion of high-fibre	2
content foods in the diet, with examples	
Provides a brief, limited statement related to constipation; lists a few high-fibre	1
content foods	1
Total	/3

6. Describe the deficiency condition osteoporosis and its effect on long-term health.

Description	Marks
Provides a brief, accurate description of the development of osteoporosis due to	
calcium loss from bones; hence, thinning and weakening of bones to become fragile	2
and fracture more easily; over time, can lead to changes in spine shape and loss of	3
mobility	
Provides a general description of osteoporosis and need for calcium in the diet;	2
some connection to loss of bone strength; increased chance of bone fracture	2
Provides a limited statement on osteoporosis and little reference to long-term	1
health implications	1
Total	/3

7. Name **three** vitamins in the B group.

Description	Marks
Correctly names three vitamins in the B group, which could include vitamin B1	2
(thiamine), vitamin B2 (riboflavin), vitamin B3 (niacin), for example	3
Correctly names two vitamins in the B group	2
Correctly names one vitamin in the B group	1
Total	/3

8. (a) Briefly discuss why Australians tend to consume too much sodium.

Description	Marks
Provides a description of the tendency of Australians to have a diet of mostly	
processed foods, such as ham, salami, cheeses, sauces, spreads, as well as snack	2
foods (biscuits, crisps) and take-away meals, all of which are often high in salt	
Provides a general statement on Australians consuming food high in salt	1
Total	/2

(b) Outline **four** tips to reduce salt in the diet.

avoid salty marinades

Description	Marks
For each of four tips, provides a valid way to reduce salt in the diet	1
Total	/4
Final total	/40
Answer could include, but is not limited to:	
use flavour alternatives (herbs, spices)	
select 'reduced-salt' or 'low-salt' options	
limit consumption of salted foods like bacon, corned beef	
avoid salted snack foods like crisps, nuts	
use small quantities of soy sauce, fish sauce, oyster sauce	

select fresh food alternatives, minimal processing

Sample assessment task

Food Science and Technology - General Year 12

Task 5 - Unit 3

Assessment type: Production

Conditions

Period allowed for completion of the task: three weeks

The evaluation will be conducted in class. The working time for the evaluation is 30 minutes.

Task weighting

10% of the school mark for this pair of units

Heat and eat meals (47 marks)

Background scenario for the task

Kate and Pete live in an inner-city suburb. They both work full-time and are often at work by 7.30am. To avoid the mealtime rush at the end of the day, they are investigating a local catering service that delivers 'heat and eat' meals to the door. Although a little expensive, Kate and Pete feel the cost is worth it, as they do not have to shop for food, there is minimal food preparation and very little cleaning up.

Topp Catt catering delivers meals on Monday. There are four meals in the weekly plan. Topp Catt offers a free meal as a trial before customers commit to a meal plan. As an assistant at Topp Catt, your proposed product is a nutritious, tasty two-course meal incorporating a wet processing technique and a dry processing technique. The meal will be packaged, labelled and ready for delivery.

The technology process (notes)

(20 marks)

Before production, prepare notes and then use the technology process to:

investigate two similar food caterers in the market and consider

•	labelling requirements	(2 marks)
•	packaging alternatives	(2 marks)
•	wet processing techniques	(2 marks)
•	dry processing techniques	(2 marks)
•	equipment and resources, such as time and skills required for the production and	
	packaging of the proposed product	(2 marks)

devise a two-course meal and develop

•	a production plan	(2 marks)
•	a food order; include specialised equipment, if required	(2 marks)
•	a plan to trial a recipe or processing technique	(2 marks)
•	suitable packaging and presentation ideas for the meal	(2 marks)
•	a label, incorporating heating and serving instructions	(2 marks)

During production

 produce and package a high quality two-course meal suitable for delivery and ready to heat and eat

After production

- evaluate the meal on the day of preparation and record the sensory properties and any issue with ingredients, production plan, food order, equipment use, application of the processing techniques and packaging
- outline other issues that may have impacted on the production process
- consider class members as potential customers and include their feedback into your evaluation.

The technology process notes developed for the proposed product may be used during the in-class writing of the evaluation. Notes on the technology process are to be submitted at the conclusion of the evaluation.

Evaluation (27 marks)

The technology process notes developed for the proposed product may be used during the in-class writing of the evaluation. Notes on the technology process are to be submitted at the conclusion of the evaluation.

For the evaluation process, reflect on your planning, compliance with the proposal and note any modifications or changes that were necessary during production.

Work independently and reflect on the following criteria:

L. ((a)	Product's compliance with the proposal Discuss the product's compliance with the proposal; that is, a two-course meal, incorporating wet processing technique, dry processing technique, packaged, label	elled and
		readiness for delivery.	(5 marks)
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-			
_			
((b)	Briefly describe five food labelling requirements.	(5 marks)
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-			
-			
_			
-			
-			

2.	Product's sensory properties Describe the product's sensory properties (i.e. the variety and mix of sensory properties)	, c.\
	Describe the product's sensory properties (i.e. the variety and mix of sensory properties	:s). (3 marks)
3.	Selection of processing techniques Discuss the selection of a wet processing technique and a dry processing technique. No	ata tha
	results from the trial process.	(6 marks)
4.	Selection of equipment and resources	
	Justify the selection and use of equipment and resources. Support your answer with ar	
	example.	(2 marks)

Time requireme		12 m
Discuss timing, a	es outlined in the production plan; note any issues.	(3 m
Summary		
Summary Make a conclud	ing statement. Justify why your proposed product is or is	not suitable for
Make a conclud	ing statement. Justify why your proposed product is or is Topp Catt range of heat and eat meals.	
Make a conclud		
Make a conclud		not suitable for (3 m
Make a conclud		

Marking key for sample assessment task 5 - Unit 3

The technology process (notes)

(20 marks)

Description	Marks	
Investigate	/:	10
Labelling requirements		
Notes accurately detail labelling requirements	2	
Notes detail a labelling requirement	1	
Packaging alternatives		
Notes accurately detail packaging options	2	
Notes relate to one packaging option	1	
Wet processing techniques		
Notes accurately detail wet processing techniques	2	
Notes detail a wet processing technique	1	
Dry processing techniques		
Notes accurately detail dry processing techniques	2	
Notes detail a dry processing technique	1	
Equipment and resources		
Notes accurately detail required equipment and resources	2	
Notes detail a required equipment or resource	1	
Devise	/:	10
Production plan		
Notes accurately detail a production plan	2	
Notes relate to some aspect of the production plan	1	
Food order		
Notes accurately detail a food order, with specialised equipment, if necessary	2	
Notes relate to some aspect of the food order	1	
Trial		
Notes accurately detail trial of recipe or processing technique	2	
Notes relate to some aspect of trialling a recipe or processing technique	1	
Packaging and presentation		
Notes accurately detail suitable packaging and presentation ideas	2	
Notes relate to some aspect of packaging and presentation	1	
Food label	•	
Notes accurately relate to development of food labels, heating and serving instructions	2	
Notes relate to a food label, heating or serving instruction	1	
Total	/	/20

Evaluation (27 marks)

(a) Product's compliance with the proposal Discuss the product's compliance with the proposal; that is, a two-course meal, incorporating wet processing technique, dry processing technique, packaged, labelled and readiness for delivery.

Description	Marks
Provides a comprehensive and detailed description of how the product complies with	
the proposal, including relevant evidence, such as two-course meal, wet and dry	5
processing techniques, packaged, appropriate information on the label, 'heat and eat'	3
ready	
Provides a comprehensive description of how the product complies with the proposal,	4
including relevant evidence	4
Provides a general description of how the product meets some of the compliance	3
requirements, including some relevant evidence	3
Provides a brief description of how the product possibly meets two of the compliance	2
requirements	2
Provides a limited statement on the product and how it meets one, or maybe two, of	1
the compliance requirements	1
Total	/5

(b) Briefly describe five food labelling requirements.

Description	Marks
For each of five brief descriptions:	
Provides an accurate food labelling requirement	1
Total	/5

2. Product's sensory properties Describe the product's sensory properties (i.e. the variety and mix of sensory properties).

Description	Marks
Provides an extensive description of the variety and mix of sensory properties that enhance the final product	3
Provides a general description of the mix of sensory properties evident in the final product	2
Provides a limited, brief description of some sensory properties evident in the final product	1
Total	/3

3. Selection of processing techniques
Discuss the selection of a wet processing technique and a dry processing technique. Note the

Discuss the selection of a wet processing technique and a dry processing technique. Note the results from the trial process.

Description	Marks
For each of two processing techniques:	
Provides an accurate description of the selected processing technique, with relevant	2
consideration of the results from the trial process	3
Provides a general description of the selected processing technique, with some	2
consideration of the results from the trial process	2
Provides a brief, limited description of the selected processing techniques, with little	1
or no consideration of the results from the trial process	1
Total	/6

4. Selection of equipment and resources

Justify the selection and use of equipment and resources. Support your answer with an example.

Description	Marks
Provides justification for the appropriate selection and use of identified equipment and resources (if relevant); uses example	2
Provides little or no justification for the selection and use of equipment or resources; no example	1
Total	/2

5. Time requirements

Discuss timing, as outlined in the production plan; note any issues.

Description	Marks
Provides a detailed production plan, noting adjustments to: timing (if necessary), time	
saving practices, efficient use of equipment; and makes valid recommendations to alter	3
sequencing of processes	
Provides a general production plan, noting some adjustments to: timing (if necessary),	
elements of time saving, use of equipment; and makes some recommendations to	2
adjust sequencing of processes	
Provides a simplistic production plan and makes a brief comment on timing	1
Total	/3

6. Summary

Make a concluding statement. Justify why your proposed product is or is not suitable for inclusion in the *Topp Catt* range of heat and eat meals.

Description	Marks
Provides a detailed concluding statement justifying whether the selection of the	3
proposed product is or is not suitable for the <i>Topp Catt</i> range of heat and eat meals	3
Provides a general concluding statement with limited justification as to whether the	2
proposed product is or is not suitable for the <i>Topp Catt</i> range of heat and eat meals	2
Provides a limited concluding statement, with no justification as to whether the	1
proposed product is or is not suitable for the <i>Topp Catt</i> range of heat and eat meals	1
Total	/3
Subtotal	/27
Final total	/47

Sample assessment task

Food Science and Technology – General Year 12

Task 6 - Unit 4

Assessment type: Investigation

Conditions

Period allowed for completion of the task: three weeks In-class validation (short answer) at the completion of the investigation; suggested working time is 40 minutes

Task weighting

15% of the school mark for this pair of units

Dietary planning

(47 marks)

Investigate the:

- nutritional needs of a demographic group, such as adolescents
- use of either the Healthy Eating Pyramid (Nutrition Australia May 2015), Australian Guide to Healthy Eating, or Australian Dietary Guidelines for dietary planning
- modification and fortification of foods by altering nutrient content
- influences on nutritional wellbeing of individuals.

Prepare notes on the following investigation (research notes).

(20 marks)

Determine how the health, food-related profile of a selected demographic group influences dietary planning strategies and the nutritional needs of the group. Include anecdotal evidence to support your findings.

Select a demographic group and investigate:

•	the health, food-related profile of the group	(2 marks)
•	dietary planning strategies suitable for the group	(2 marks)
•	the nutritional needs of the group.	(2 marks)

Determine how a food selection model can assist dietary planning for a demographic group. Use either the Healthy Eating Pyramid (Nutrition Australia May 2015), Australian Guide to Healthy Eating, or Australian Dietary Guidelines food selection model to:

make suitable food choices (2 marks) identify the recommended daily nutrition requirements (2 marks) guide average serving sizes. (2 marks)

• Determine how modification and fortification of foods alter nutrient content and assist in dietary planning for a demographic group. Include at least one recipe to support your findings. Investigate how to alter nutrient content of foods through:

modification (2 marks)fortification. (2 marks)

- Investigate how the nutritional wellbeing of individuals is influenced by:
 - lifestyle (2 marks)
 - cultural traditions. (2 marks)

Include examples for each influence to support your findings.

The notes prepared and developed through your investigation of using a food selection model for dietary planning, the nutritional needs of a selected demographic group, the modification and fortification of foods by altering nutrient content, and influences on nutritional wellbeing, may be used during the in-class validation process.

Your notes are to be submitted at the conclusion of the validation (short answer) process.

Validation (short answer)

(27 marks)

The validation (short answer) will be completed in class under test conditions.

The notes prepared and developed through your investigation of using a food selection model for dietary planning, the nutritional needs of a selected demographic group, the modification and fortification of foods by altering nutrient content, and influences on nutritional wellbeing, may be used during the in-class validation process.

You	r not	tes are to be submitted at the conclusion of the validation (short answer) process.	
Nan	ne th	ne selected demographic group	
Ans	wer	the following questions based on the selected demographic group.	
1.	(a)	Describe the health, food-related profile for the demographic group. Identify a sign feature of the group that could impact on health and briefly discuss why.	nificant (3 marks)
	(b)	Outline the recommended daily nutrition requirements for the demographic group with examples or anecdotal evidence, any significant nutritional issues within the g	
2.		ect a food selection model. Demonstrate how this model can assist in dietary plannii mographic group. Include: making suitable food choices applying recommended daily nutrition requirements	ng for the
	•		(3 marks)
		od selection model:king suitable food choices:	

App	lying recommended daily nutrition requirements:	
Aver	rage serving sizes:	
(a)	Outline the process of modifying food to alter nutrient content. Provide one examp support your answer. (ole to 2 marks
(b)	Describe the process of adding nutrients for the fortification of food. Provide one e to support your answer.	xample 3 marks
(c)	, , , , , , , , , , , , , , , , , , , ,	g for the 4 marks
Mod	lification:	
Fort	cification:	

	luenced by:	
•	lifestyle	
•	cultural traditions.	
Inc	clude one example for each influence to support your answer.	(6 marl
Life	estyle:	
Cu	Itural traditions:	
	an a two-course meal for the demographic group. Interpret and adapt the recipes gredient modifications or inclusion of fortified foods for the meal to be suitable fo	_

Marking key for sample assessment task 6 - Unit 4

Investigation (research notes)

(20 marks)

Description	Marks	S
Notes on the selected demographic group		/6
Health, food-related profile		
Notes accurately describe characteristics of the health, food-related profile	2	
Notes describe a health or food-related characteristic	1	
Dietary planning		
Notes accurately describe dietary planning strategies	2	
Notes describe a dietary planning strategy	1	
Nutritional needs		
Notes accurately describe nutritional needs	2	
Notes describe a nutritional need	1	
Notes on dietary planning for a demographic group using a food selection model		/6
Suitable food choices		
Notes accurately describe suitable food choices	2	
Notes a suitable food choice	1	
Daily nutrition requirements		
Notes accurately outline the recommended daily nutrition requirements	2	
Notes outline a recommended daily nutrition requirement	1	
Serving sizes		
Notes accurately describe recommended serving sizes	2	
Notes describe broadly recommended serving sizes	1	
Notes on altering nutrient content of foods for the demographic group		/4
Modification of food		
Notes accurately describe suitable modification of foods	2	
Notes describe modification of a food	1	
Fortification of food		
Notes accurately describe suitable fortification of foods	2	
Notes describe fortification of a food	1	
Notes on influences on nutritional wellbeing		/4
Lifestyle		
Notes accurately describe aspects of lifestyle influences	2	
Notes describe a lifestyle influence	1	
Cultural traditions		
Notes accurately describe aspects of cultural traditions influences	2	
Notes describe a cultural tradition influence	1	
Total		/20

Validation (short answer) (27 marks)

1. (a) Describe the health, food-related profile for the demographic group. Identify a significant feature of the group that could impact on health and briefly discuss why.

Description	Marks
Provides a detailed, accurate description of the health, food-related profile for the	
group; identifies a significant feature of the group and makes direct links to negative	3
impact on health	
Provides a general description of the health, food-related profile for the group;	2
identifies a feature of the group and makes some links to impact on health	
Provides a brief, limited statement of the health, food-related profile for the group;	1
names a feature of the group which may not link to health	1
Total	/3

(b) Outline the recommended daily nutrition requirements for the demographic group. Identify, with examples or anecdotal evidence, any significant nutritional issues within the group.

Description	Marks
Outlines accurately the recommended daily nutrition requirements for the group;	
identifies significant nutritional issues, supported with relevant examples or	3
anecdotal evidence	
Outlines some of the recommended daily nutrition requirements mostly relevant for	2
the group, with an example or anecdotal evidence of a nutritional issue	2
Outlines one or two nutrition requirements which may be relevant to the group;	1
states a nutritional issue	1
Total	/3

- 2. Select a food selection model. Demonstrate how this model can assist in dietary planning for the demographic group. Include:
 - making suitable food choices
 - applying recommended daily nutrition requirements
 - average serving sizes.

Description	Marks
Clearly demonstrates use of the model to assist in dietary planning, to include	
evidence of making suitable food choices; applies recommended daily nutrition	3
requirements; notes serving sizes, which are relevant for the group	
Demonstrates some use of the model to assist in dietary planning; includes some	
evidence of either making suitable food choices; applies recommended daily	2
nutrition requirements; notes serving sizes, which are mostly relevant for the group	
Demonstrates limited use of the model in dietary planning; limited evidence	
provided for food choices, nutrition requirement or serving sizes; may be relevant	1
for the group	
Total	/3

3. (a) Outline the process of modifying food to alter nutrient content. Provide **one** example to support your answer.

Description	Marks
Provides an outline of how food can be modified to alter nutrient content, such as reducing fat, sugar, salt content OR adding nutrients for added flavour, with one	2
suitable example	2
Provides an outline of how food can be modified to alter nutrient content, with	
incorrect example OR	1
Provides incorrect process for modifying food, one suitable example	
Total	/2

(b) Describe the process of adding nutrients for the fortification of food. Provide **one** example to support your answer.

Description	Marks
Provides a description of how food may be fortified to alter nutrient content, such	
as restoring nutrients lost during processing, increasing nutrient levels above those	3
normally found in food and/or adding nutrients not normally found in food, with a	3
relevant example	
Provides a general description of how food may be fortified, with a relevant	2
example	2
Provides a limited, brief statement of fortified food, with an example which may be	1
relevant	1
Total	/3

(c) Determine how modification and fortification of food may assist in dietary planning for the demographic group. Provide **one** example of each to support your answer.

Description	Marks
For each of modification and fortification:	
Provides an accurate account of the process in which nutrients may be added to	
food to supplement nutrient deficiencies OR to remove excess nutrients, relevant to	2
the needs of demographic group; suitable example given	
Provides a brief account of the process, mostly relevant to the demographic group;	1
example may not be suitable	1
Total	/4

- 4. Briefly describe how the nutritional wellbeing of individuals in the demographic group may be influenced by:
 - lifestyle
 - cultural traditions.

Include **one** example for each influence to support your answer.

Description	Marks
For each influence:	
Provides a concise description of how the influence may impact the nutritional	2
wellbeing of individuals and links to the demographic group, with suitable example	3
Provides a general description of how the influence may impact the nutritional	2
wellbeing of individuals and the demographic group, with example	
Provides a brief description of how the influence may impact the nutritional	1
wellbeing of individuals; example may be relevant	1
Total	/6

5. Plan a two-course meal for the demographic group. Interpret and adapt the recipes, including ingredient modifications or inclusion of fortified foods, for the meal to be suitable for the group.

Description	Marks
Provides an appropriate two-course meal for the group and adapt: ingredients and	
method choices; complement the recommended daily nutrition requirements, for	3
appropriate serving sizes; and inclusion of modified or fortified foods	
Provides a two-course meal for the group, with at least two relevant adaptations	2
Provides a simplistic, two-course meal for the group, with a relevant adaptation	1
Total	/3
Subtotal	/27
Final total	/47