



BOARD OF STUDIES
NEW SOUTH WALES

2010 HSC Food Technology Marking Guidelines

Section I

Question	Answer
1	A
2	D
3	B
4	A
5	B
6	D
7	B
8	A
9	D
10	D
11	D
12	A
13	B
14	C
15	B
16	D
17	C
18	A
19	A
20	C

Section II

Question 21 (a)

Criteria	Marks
• Correctly names the AFI sector for each of the organisations in the table	2
• Correctly names the AFI sector for some of the organisations in the table	1

Question 21 (b)

Criteria	Marks
• Provides characteristics and features of quality assurance activities in one organisation in the AFI	3
• Provides characteristics and features of quality assurance activity in one organisation in the AFI OR • Sketches in general terms quality assurance activities in one organisation in the AFI	2
• Provides general information on quality assurance	1

Question 22

Criteria	Marks
<ul style="list-style-type: none"> Makes a clear relationship between gender issues and employment in the AFI 	4–5
<ul style="list-style-type: none"> Makes a clear relationship between a gender issue and employment in the AFI 	3
<ul style="list-style-type: none"> Provides characteristics and features of gender issues and/or employment in the AFI 	2
<ul style="list-style-type: none"> Provides general information on gender issues or employment in the AFI 	1

Question 23

Criteria	Marks
<ul style="list-style-type: none"> Draws the relationship between the establishment of the production plant and the change to the environment 	3
<ul style="list-style-type: none"> Sketches in general terms a link between the establishment of the production plant and the environment OR	2
<ul style="list-style-type: none"> Provides a range of environmental impacts 	
<ul style="list-style-type: none"> Provides general information on the production plant and/or the environment 	1

Question 24

Criteria	Marks
<ul style="list-style-type: none"> Makes clear links between a range of internal factors and the success or failure of a product in the marketplace 	8
<ul style="list-style-type: none"> Makes links between a range of internal factors and the success or failure of a product in the marketplace 	7
<ul style="list-style-type: none"> Provides characteristics and features of internal factors that contribute to the success or failure of a product in the marketplace with some linkages outlined OR	5–6
<ul style="list-style-type: none"> Provides characteristics and features of an internal factor that contribute to the success or failure of a product in the marketplace with linkage 	
<ul style="list-style-type: none"> Provides characteristics and features of internal factor OR	3–4
<ul style="list-style-type: none"> Sketches in general terms internal factors/success or failure of a product 	
<ul style="list-style-type: none"> Provides general information on internal factor/s OR	1–2
<ul style="list-style-type: none"> Provides general information on the success or failure of a product in the marketplace 	

Question 25 (a)

Criteria	Marks
• Sketches in general terms the difference between me-too products and line extensions using example/s	2
• Provides information on me-too products AND/OR line extensions	1

Question 25 (b)

Criteria	Marks
• Provides a range of reasons why a food manufacturer would choose to develop a line extension rather than a new-to-world food product	4
• Provides reason/s why a food manufacturer would choose to develop a line extension rather than a new-to-world food product	3
• Sketches in general terms reasons for development of either line extensions and/or new-to-world food products	2
• General information on line extensions AND/OR new-to-world food products	1

Question 26 (a)

Criteria	Marks
• Names key features of a marketing plan for the product	2
• Provides general information on a marketing plan OR • Names a feature of a marketing plan	1

Question 26 (b)

Criteria	Marks
• Puts forward a range of suitable strategies, with clear supporting arguments for each strategy for the marketing of the product	5–6
• Provides characteristics and features of suitable marketing strategy/strategies with links to the product	4
• Sketches in general terms, a strategy for the marketing of the product	3
• Provides general information on marketing strategies OR • Names a suitable strategy or strategies for marketing a product	1–2

Question 27 (a)

Criteria	Marks
• Sketches in general terms one processing technique appropriate for use with this product	2
• Recognises and names a processing technique OR provides general information on a processing technique	1

Question 27 (b)

Criteria	Marks
• Shows the similarities or differences between domestic and industrial equipment used in the manufacture of the product	3–4
• Sketches in general terms the features of domestic AND/OR industrial equipment	2
• Gives general information on equipment used in the manufacture of food	1

Question 27 (c)

Criteria	Marks
• Shows clearly how storage and distribution systems are different in BOTH domestic and industrial settings for the named product	4
• Provides characteristics and features of storage and distribution systems in domestic AND/OR industrial settings	3
• Sketches in general terms storage AND/OR distribution systems in domestic and/or industrial settings	2
• Provides general information on storage and distribution	1

Question 28 (a)

Criteria	Marks
• Provides characteristics and features of the functions of packaging	4
• Provides characteristics and features of some functions of packaging OR • Sketches in general terms functions of packaging	3
• Sketches in general terms a function of packaging OR • Identifies functions of packaging	2
• Provides general information on packaging	1

Question 28 (b) (i)

Criteria	Marks
<ul style="list-style-type: none">Names suitable packaging materials for the named product	1

Question 28 (b) (ii)

Criteria	Marks
<ul style="list-style-type: none">Provides characteristics and features of experiments to test the suitability of the packaging materials for this product	5
<ul style="list-style-type: none">Sketches in general terms experiments to test the suitability of packaging materials for this product OR <ul style="list-style-type: none">Provides characteristics and features of an experiment to test the suitability of packaging materials for this product	4
<ul style="list-style-type: none">Sketches in general terms an experiment to test the suitability of a packaging material(s) for this product OR <ul style="list-style-type: none">Sketches in general terms a range of areas for experimentation for suitability of packaging materials	3
<ul style="list-style-type: none">Identifies possible areas for experimentation of suitable packaging materials	2
<ul style="list-style-type: none">Provides general information on suitability of packaging material	1

Section III

Question 29 (a)

Criteria	Marks
<ul style="list-style-type: none"> Makes relationships between cultural and social practices and nutritional status using examples 	4
<ul style="list-style-type: none"> Provides characteristics and features of cultural and social practices with an example and a link to nutritional status 	3
<ul style="list-style-type: none"> Sketches in general terms cultural and social practices OR <ul style="list-style-type: none"> Provides characteristic and feature of cultural AND/OR social practices with an example 	2
<ul style="list-style-type: none"> Provides general information on cultural or social practices 	1

Question 29 (b)

Criteria	Marks
<ul style="list-style-type: none"> Makes a relationship evident between community groups and government organisations and the promotion of good health through diet. Provides relevant examples 	6
<ul style="list-style-type: none"> Makes a relationship evident between community groups or government organisations and the promotion of good health through diet. Provides example(s) OR <ul style="list-style-type: none"> Provides characteristics and features of community groups and government organisations with links to the promotion of good health through diet. Provides example(s) 	4–5
<ul style="list-style-type: none"> Sketches in general terms community AND/OR government organisations AND/OR the promotion of good health 	2–3
<ul style="list-style-type: none"> Names community group/s or government organisation/s that promote health OR <ul style="list-style-type: none"> General information on good health 	1

Question 30

Criteria	Marks
<ul style="list-style-type: none"> Provides a range of issues for AND/OR against the use of nutritionally modified foods, active non-nutrients and dietary supplements and their impact on the dietary health of Australians Provides relevant examples and uses appropriate terminology in a logical and cohesive response 	13–15
<ul style="list-style-type: none"> Provides issue(s) for AND/OR against the use of nutritionally modified foods, active non-nutrients and dietary supplements and their impact on the dietary health of Australians Provides examples and uses some appropriate terminology 	10–12
<ul style="list-style-type: none"> Provides characteristics and features of nutritionally modified foods, active non-nutrients AND/OR dietary supplements with some link to dietary health of Australians. Uses examples 	7–9
<ul style="list-style-type: none"> Sketches in general terms information on nutritionally modified foods AND/OR active non-nutrients AND/OR dietary supplements with a link to dietary health of Australians 	4–6
<ul style="list-style-type: none"> Provides general information on nutritionally modified foods AND/OR dietary supplements AND/OR active non-nutrients AND/OR dietary health of Australians 	1–3

Question 31 (a)

Criteria	Marks
<ul style="list-style-type: none"> Makes relationships between ethical issues and a marketplace trend 	4
<ul style="list-style-type: none"> Provides characteristics and features of an ethical issue related to a marketplace trend 	3
<ul style="list-style-type: none"> Sketches in general terms an ethical issue related to a marketplace trend 	2
<ul style="list-style-type: none"> Provides general information on a marketplace trend or recognises and names an ethical issue 	1

Question 31 (b)

Criteria	Marks
<ul style="list-style-type: none"> Makes evident a relationship between a marketplace trend and the social and environmental implications. Provides relevant examples 	6
<ul style="list-style-type: none"> Provides characteristics of social and environmental implications linked to a marketplace trend. Provides example(s) OR <ul style="list-style-type: none"> Makes a relationship between a marketplace trend and social OR environmental implications. Provides example(s) 	4–5
<ul style="list-style-type: none"> Sketches in general terms social and/or environmental implications 	2–3
<ul style="list-style-type: none"> Provides general information on social or environmental implication(s) or a marketplace trend 	1

Question 32

Criteria	Marks
<ul style="list-style-type: none">• Makes the relationship between a range of issues around food consumption and social justice in both developed and developing parts of the world• Provides relevant examples, uses appropriate terminology in a logical and cohesive response	13–15
<ul style="list-style-type: none">• Makes the relationship between food consumption and a limited range of social justice issues in both developed and developing parts of the world• Provides examples and uses appropriate terminology	10–12
<ul style="list-style-type: none">• Provides characteristics and features of food consumption AND/OR of social justice issues in developed and developing parts of the world. Uses examples	7–9
<ul style="list-style-type: none">• Sketches in general terms food consumption in developed AND/OR developing parts of the world	4–6
<ul style="list-style-type: none">• Provides general information on food consumption AND/OR developed AND/OR developing parts of the world	1–3

Food Technology

2010 HSC Examination Mapping Grid

Question	Marks	Content	Syllabus outcomes
Section I			
1	1	Levels of operation	H1.2, H3.1
2	1	Market concerns (health)	H1.3
3	1	Multinationals	H1.2
4	1	SWOT analysis	H1.3
5	1	Primary market research	H4.1
6	1	Preservation principle	H4.2
7	1	Raw materials (production and processing)	H1.1
8	1	Research and development	H1.3
9	1	Advisory groups	H1.2
10	1	Prototype development	H1.3, H4.1
11	1	Feasibility study	H1.3, H4.1
12	1	Company profitability	H1.3
13	1	Government policy/legislation	H1.2
14	1	External factors	H1.3
15	1	Specialised applications	H1.3
16	1	Preservation process	H4.2
17	1	Food additives	H1.1
18	1	Packaging	H1.1, H4.2
19	1	HACCP	H1.1
20	1	Causes of spoilage	H4.2
Section II			
21 (a)	2	Sectors of agriculture-food chain	H1.2
21 (b)	3	Quality assurance	H3.1
22	5	Working conditions including gender	H3.1
23	3	Environmental issues	H1.4
24	8	Internal factors	H1.3
25 (a)	2	Types of FPD	H1.3
25 (b)	4	Reasons for FPD	H1.3
26 (a)	2	Marketing plans	H1.3
26 (b)	6	Marketing plans	H1.3
27 (a)	2	Processing techniques	H1.1
27 (b)	4	Comparison – commercial vs domestic (equipment)	H1.1
27 (c)	4	Comparison – commercial vs domestic (storage and distribution)	H1.1
28 (a)	4	Packaging	H1.1
28 (b) (i)	1	Packaging	H1.1
28 (b) (ii)	5	Experimentation packaging	H1.1

Question	Marks	Content	Syllabus outcomes
Section III			
Contemporary Food Issues – Nutrition			
29 (a)	4	Social and cultural factors	H2.1
29 (b)	6	Role of groups	H2.1
30	15	Nutritionally modified foods, active non-nutrients, supplements	H2.1
Section III			
Contemporary Food Issues – Marketplace			
31 (a)	4	Ethical issues	H2.1, H3.2
31 (b)	6	Implication of marketplace trends (social and environmental)	H2.1, H3.2
32	15	Trends in the marketplace	H2.1