



B O A R D O F S T U D I E S
NEW SOUTH WALES

2012 HSC Primary Industries Marking Guidelines

Section I

Multiple-choice Answer Key

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

Section II**Question 16 (a)**

Criteria	Marks
• One reason given	1

Question 16 (b)

Criteria	Marks
• Five cost items correct	3
• Three to four cost items correct	2
• One to two cost items correct	1

Question 17 (a)

Criteria	Marks
• More than two suggestions/options given as to how meeting procedures could have been improved, one of which must be 'keeping accurate minutes' or equivalent statement	3
• Two suggestions/options given as to how meeting procedures could have been improved	2
• Shows a basic understanding of meeting procedures	1

Question 17 (b)

Criteria	Marks
• Provides more than two strategies that could be used to resolve the situation	3
• Provides two strategies that could be used to resolve the situation	2
• Provides one strategy that could be used to resolve the situation	1

Question 18 (a)

Criteria	Marks
• Correctly identifies two hazards	2
• Correctly identifies one hazard	1

Question 18 (b)

Criteria	Marks
• Correctly describes two risks associated with one of the hazards named	2
• Correctly describes one risk associated with one of the hazards named	1

Question 18 (c)

Criteria	Marks
• Evaluates in detail a range of control strategies that will help reduce or eliminate the risks	5
• Evaluates a range of control strategies to reduce the risks	4
• Evaluates a few control strategies to reduce the risk	3
• Lists two control strategies to reduce risk or evaluates one strategy or outlines a range of control strategies	2
• Provides one strategy	1

Question 19 (a)

Criteria	Marks
• Correct answer	1

Question 19 (b)

Criteria	Marks
• Gives two relevant impacts of cold front on property at X	2
• Gives one relevant impact of cold front on property at X OR	1
• Gives one or two relevant impacts of chosen front on property at X	

Question 19 (c)

Criteria	Marks
• Gives detailed explanation of some strategies to reduce impacts	4
• Explains some strategies to reduce impacts	3
• Explains one strategy or lists more than one strategy	2
• Gives one strategy to reduce the impact	1

Question 20 (a)

Criteria	Marks
• Gives one correct/relevant risk	1

Question 20 (b)

Criteria	Marks
• Gives two strategies to reduce the risk	2
• Gives one strategy to reduce the risk	1

Question 20 (c)

Criteria	Marks
• Describes two reasons why some plants not destroyed by spray	2
• Describes one reason why some plants not destroyed by spray or lists two reasons	1

Question 20 (d)

Criteria	Marks
• Gives detailed description of several strategies to reduce risk	4
• Describes a few strategies to reduce risk	3
• Describes one strategy or gives/lists more than one strategy to reduce risk	2
• Gives one strategy to reduce the risk	1

Section III

Question 21

Criteria	Marks
<ul style="list-style-type: none">Provides an outline of a range of communication strategies using precise industry and enterprise terminology. Provides a comprehensive evaluation of the effectiveness of these communication strategies for both routine and emergency situations	13–15
<ul style="list-style-type: none">Provides an outline of a range of communication strategies using industry and enterprise terminology. Provides an evaluation of the effectiveness of these communication strategies for both routine and emergency situations	10–12
<ul style="list-style-type: none">Provides an outline of a range of communication strategies applicable to both routine and emergency situations. Provides reasons for the effectiveness of some communication strategies for either routine or emergency situations	7–9
<ul style="list-style-type: none">Provides an outline of some communication strategies applicable to both routine and emergency situations. Provides reasons for the effectiveness of these communication strategies for either routine or emergency situations	4–6
<ul style="list-style-type: none">Lists some communication strategies and gives some reasons for their use	1–3

Section IV

Question 22 (a)

Criteria	Marks
<ul style="list-style-type: none">Chooses appropriate consecutive days, gives detailed justification for choosing these days in terms of personal safety, climatic considerations and work efficiency	5–6
<ul style="list-style-type: none">Chooses appropriate consecutive days, gives some justification for choosing these days in terms of personal safety, climatic considerations and work efficiency	3–4
<ul style="list-style-type: none">Names appropriate consecutive days, some reasons for choosing these days in terms of personal safety or climatic considerations or working efficiently without any justification	1–2

Question 22 (b)

Criteria	Marks
<ul style="list-style-type: none">Detailed emergency plan provided and range of reasons given for why this plan was developed. A range of risks that could lead to an emergency are included and ways to reduce or eliminate risks provided	8–9
<ul style="list-style-type: none">Emergency plan provided and some reasons given for why this plan was developed. Some risks that could lead to an emergency are included and ways to reduce or eliminate risks provided	6–7
<ul style="list-style-type: none">A limited emergency plan provided and a few reasons given for why this plan was developed. A few risks are included and ways to reduce or eliminate risks provided	4–5
<ul style="list-style-type: none">List of activities provided and some reasons given for why the items on the list are important	2–3
<ul style="list-style-type: none">A few items given for an emergency plan	1

Primary Industries

2012 HSC Examination Mapping Grid

Section I

Question	Marks	Unit of competency/Element of competency	Employability skills (Please put an X where appropriate)							
			Communication	Teamwork	Problem-solving	Initiative and enterprise	Planning and organising	Self-management	Learning	Technology
1	1	RTC2704A – Provide basic first aid p49, p50 – 2.1, 2.2, 2.3 + HSC requirements								
2	1	RTE2503A – Observe and report on weather p90, p91 – 2.2, 2.3 + HSC requirements								
3	1	RTE2503A – Observe and report on weather p89 – 1.3 + HSC requirements								
4	1	RTC2401A – Treat weeds p24 – 2.4 + HSC requirements								
5	1	RTC2706A – Apply chemicals under supervision p74 – 5.2 + HSC requirements								
6	1	RTC2706A – Apply chemicals under supervision p68 – 2.1 + HSC requirements								
7	1	RTC2705A – Work effectively in the industry p61 – 6.5–6.6 + HSC requirements								
8	1	RTC2705A – Work effectively in the industry p54 – 1.3 + HSC requirements								
9	1	RTC2704A – Provide basic first aid p48 – 1.4 + HSC requirements								
10	1	RTC2701A – Follow OHS procedures p31, p56 – 1.6 + HSC requirements, RTC2705A 2.2								
11	1	RTC2801A – Participate in workplace communication p80, p81 – 2.1, 3.2 + HSC requirements								
12	1	RTC2401A – Treat weeds p23 – 2.2 + HSC requirements								
13	1	RTC2801A – Participate in workplace communication p83 – 4.2, 4.3 + HSC requirements								
14	1	RTC2209A – Install, maintain and repair fencing p15 – 2.7 + HSC requirements								

Question	Marks	Unit of competency/Element of competency	Employability skills (Please put an X where appropriate)							
			Communication	Teamwork	Problem-solving	Initiative and enterprise	Planning and organising	Self-management	Learning	Technology
15	1	RTC2702A – Observe environmental work practices p39 – 1.1 + HSC requirements								

Section II

Question	Marks	Unit of competency/Element of competency	Employability skills (Please put an X where appropriate)							
			Communication	Teamwork	Problem-solving	Initiative and enterprise	Planning and organising	Self-management	Learning	Technology
16 (a)	1	RTC2209A – Install, maintain and repair fencing p11 – Element 1.1 + HSC requirements								
16 (b)	3	RTC2209A – Install, maintain and repair fencing p12 – Element 1.4 + Specific Skills, RTC2801A – Participate in workplace communication p83 – Element 4.3 + HSC requirements								
17 (a)	3	RTC2801A – Participate in workplace communication p84 – Element 5.3 +HSC requirements RTC2705A – Work effectively in the industry p59 – Element 5.3 + HSC requirements								
17 (b)	3	RTC2801A – Participate in workplace communication p79, p80, p84 – Element 1.3, 2.1, 2.2, 2.3, 5.3 + HSC requirements RTC2705A – Work effectively in the industry p59 – Element 5.3 + HSC requirements								
18 (a)	2	RTC2701A – Follow OHS procedures p29 – Element 1 RTC2705A – Work effectively in the industry p54 – Element 1.1 + HSC requirements								
18 (b)	2	RTC2701A – Follow OHS procedures p29-32 – Element 1 RTC2705A – Work effectively in the industry p56 – Element 2.2								

Question	Marks	Unit of competency/Element of competency	Employability skills (Please put an X where appropriate)							
			Communication	Teamwork	Problem-solving	Initiative and enterprise	Planning and organising	Self-management	Learning	Technology
18 (c)	5	RTC2701A – Follow OHS procedures p29-32 – Element 1								
19 (a)	1	RTE2503A – Observe and report on weather p89 – Element 1.1, 1.2 + HSC requirements								
19 (b)	2	RTE2503A – Observe and report on weather p89 – Element 1.2, 1.3 + HSC requirements								
19 (c)	4	RTE2503A – Observe and report on weather p90–91 – Element 2+ HSC requirements								
20 (a)	1	RTC2702A – Observe environmental work practices p39 – Element 1.1 + HSC requirements								
20 (b)	2	RTC2702A – Observe environmental work practices p40 – Element 2.1 + HSC requirements RTC2706A – Apply chemicals under supervision p40 – Element 1.4, 3.1 + HSC requirements								
20 (c)	2	RTC2401A – Treat weeds p20 – Element 1.3 + HSC requirements								
20 (d)	4	RTC2401A – Treat weeds p20–21 – Element 1.3, 1.4 + HSC requirements RTC2702A – Observe environmental work practices p43 – Element 4.1								

Section III

Question	Marks	Unit of competency/Element of competency	Employability skills (Please put an X where appropriate)							
			Communication	Teamwork	Problem-solving	Initiative and enterprise	Planning and organising	Self-management	Learning	Technology
21	15	RTC2801A – Participate in workplace communication p79-80 – Element 1, and 2 + HSC requirements RTC2705A – Work effectively in the industry p54–58 – Element 1.1, 1.2, 1.3, 1.4, 4.2 + HSC requirements RTC2701A – Follow OHS procedures p29–32 – Element 1 + HSC requirements								

Section IV

Question	Marks	Unit of competency/Element of competency	Employability skills (Please put an X where appropriate)							
			Communication	Teamwork	Problem-solving	Initiative and enterprise	Planning and organising	Self-management	Learning	Technology
22 (a)	6	RTE2503A – Observe and report on weather p89 – Element 1.1, 1.3, 2.4 + HSC requirements and advice								
22 (b)	9	RTE2503A – Observe and report on weather p89 – Element 1.1 + HSC requirements RTC2704A – Provide basic first aid p47 – Element 1.1, 1.2 + HSC requirements and Advice RTC2209A – Install, maintain and repair fencing p12 – Element 1.3 + HSC requirements and Advice RTC2704A – Provide basic first aid p45–51 – + HSC requirements and Advice								