



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

2009 HSC Construction Marking Guidelines

Section I

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

Section II

Question 16 (a)

Competencies assessed: BCGCM2005B

MARKING GUIDELINES

Criteria	Marks
• Sketches in general terms the process of grinding AND honing	2
• Sketches in general terms the process of grinding OR honing	1

Question 16 (b)

Competencies assessed: BCGCM2005B

MARKING GUIDELINES

Criteria	Marks
• Demonstrates a clear understanding of timber and a chamfer using an appropriate technique to prevent end grain splitting	2
• Demonstrates a basic understanding of timber and a chamfer OR • Provides an outline of an appropriate technique	1

Question 17*Competencies assessed: BCGCM1003B, BCGCM1001B***MARKING GUIDELINES**

Criteria	Marks
• Demonstrates a comprehensive understanding of traffic control and related hazards	3
• Demonstrates a general understanding of traffic control hazards	2
• Provides limited understanding of traffic control hazards	1

Question 18*Competencies assessed: RTC2704A***MARKING GUIDELINES**

Criteria	Marks
• Demonstrates a comprehensive knowledge of emergency procedures when dealing with chemicals and unconsciousness	3
• Indicates the main features of the correct emergency procedure when dealing with chemicals and unconsciousness	2
• Demonstrates a limited understanding of chemicals AND/OR unconsciousness	1

Question 19 (a)*Competencies assessed: BCGCM1001B***MARKING GUIDELINES**

Criteria	Marks
• Demonstrates general knowledge of an OHS committee and states their purpose on a construction site	2
• Demonstrates basic knowledge of an OHS committee	1

Question 19 (b)*Competencies assessed: BCGCM1001B, RTC2704A***MARKING GUIDELINES**

Criteria	Marks
• Demonstrates a comprehensive knowledge of BOTH employer and employee responsibilities towards UV radiation	2
• Demonstrates basic understanding of the responsibility of employer OR employee towards UV radiation	1

Question 20*Competencies assessed: BCGCM2005B***MARKING GUIDELINES**

Criteria	Marks
<ul style="list-style-type: none">• Demonstrates an in-depth knowledge of appropriate plant maintenance, safe usage and storage	5
<ul style="list-style-type: none">• Demonstrates a sound understanding of plant maintenance AND <ul style="list-style-type: none">• Safe usage AND/OR storage	3–4
<ul style="list-style-type: none">• Provides limited understanding of plant maintenance OR <ul style="list-style-type: none">• Safe usage OR <ul style="list-style-type: none">• Storage	1–2

Question 21*Competencies assessed: BCGCM2006B***MARKING GUIDELINES**

Criteria	Marks
<ul style="list-style-type: none">• Correctly identifies and clearly outlines a correct application of the measuring tool	2
<ul style="list-style-type: none">• Correctly identifies the measuring tool OR <ul style="list-style-type: none">• Identifies a general/application of the measuring tool	1

Question 22 (a)*Competencies assessed: BCGCM1005B***MARKING GUIDELINES**

Criteria	Marks
• Demonstrates a clear understanding of calculation of quantities and costing	2
• Demonstrates some understanding of calculations	1

Question 22 (b)*Competencies assessed: BCGCM2004B***MARKING GUIDELINES**

Criteria	Marks
• Lists a suitable timber and has a clear understanding for the justification of that timber	2
• Limited understanding of an appropriate timber	1

Question 22 (c)*Competencies assessed: BCGCM2005B***MARKING GUIDELINES**

Criteria	Marks
• Lists a suitable mechanical fastener and demonstrates a clear understanding of mechanical fasteners suitable for outdoor purposes by providing reasons for the use of an appropriate mechanical fastener	2
• Demonstrates limited knowledge of mechanical fasteners	1

Question 22 (d)*Competencies assessed: BCGCM2006B***MARKING GUIDELINES**

Criteria	Marks
• Provides characteristics and features of appropriate levelling techniques	2
• Provides limited knowledge of levelling techniques	1

Question 22 (e)*Competencies assessed: BCGCM2005B***MARKING GUIDELINES**

Criteria	Marks
• Indicates the main features of a correct method of fixing the table	2
• Provides a limited understanding of fixing methods	1

Question 23*Competencies assessed: BCGCM1001B, BCGCM1004B***MARKING GUIDELINES**

Criteria	Marks
• Demonstrates a broad knowledge and understanding of signage, with an example and clear descriptions of each	4
• Demonstrates a general knowledge and understanding of signage, with examples and descriptions briefly outlined	3
• Demonstrates a limited knowledge and understanding of signage	1–2

Section III

Question 24

Competencies assessed: BCGCM1002B

MARKING GUIDELINES

Criteria	Marks
<ul style="list-style-type: none"> • Demonstrates a broad depth of knowledge and understanding of the relationship between economic climate and the construction industry • Demonstrates an extensive knowledge of how the construction industry responds to change • Correctly uses precise industry terminology in a well-reasoned, cohesive response 	13–15
<ul style="list-style-type: none"> • Demonstrates a depth of relevant knowledge and understanding of the relationship between economic climate and the construction industry • Demonstrates a clear knowledge of how the construction industry responds to change • Uses appropriate industry terminology in a cohesive response 	10–12
<ul style="list-style-type: none"> • Demonstrates a general knowledge and understanding of the relationship between economic climate and the construction industry • Demonstrates general knowledge of change within the construction industry • Uses appropriate industry terminology 	7–9
<ul style="list-style-type: none"> • Demonstrates basic understanding of the link between economic climate and the construction industry • Demonstrates a basic knowledge of change • Uses basic industry terminology 	4–6
<ul style="list-style-type: none"> • Demonstrates limited knowledge of economic climate AND/OR change • Uses limited industry terminology 	1–3

Question 25
Competencies assessed: BCGCM1001B, BCGCM1003B, BCGCM1002B
MARKING GUIDELINES

Criteria	Marks
<ul style="list-style-type: none"> • Demonstrates a broad depth of knowledge and understanding of evacuation procedures • Provides clear and accurate procedures for management and workers during the emergency, the investigation and impact on the site • Correctly uses precise industry terminology in a well-reasoned, cohesive response 	13–15
<ul style="list-style-type: none"> • Demonstrates a clear knowledge and understanding of evacuation procedures • Provides clear procedures for management and workers during the emergency, the investigation and impact on the site • Uses appropriate industry terminology in a cohesive response 	10–12
<ul style="list-style-type: none"> • Demonstrates a general understanding of evacuation procedures • Provides clear procedures for management OR workers during the emergency, the investigation and impact on the site • Uses appropriate industry terminology to communicate ideas and information 	7–9
<ul style="list-style-type: none"> • Demonstrates a basic knowledge of evacuation procedures • Uses basic industry terminology to communicate • Provides general procedures for management OR workers during EITHER the emergency OR the investigation OR the impact on the site 	4–6
<ul style="list-style-type: none"> • Demonstrates a limited knowledge of evacuation procedures • Provides a basic procedure for EITHER management OR workers, with some consideration towards EITHER the emergency OR the investigation OR the impact of the site • Uses limited industry terminology 	1–3

Question 26*Competencies assessed: BCGCM1003B, BCGCM2001B***MARKING GUIDELINES**

Criteria	Marks
<ul style="list-style-type: none">• Demonstrates a broad depth of knowledge and understanding of hazards, potential risk controls and responsibilities when planning and organising a concrete driveway• Communicates information in a well-reasoned and cohesive response• Correctly uses precise industry terminology	13–15
<ul style="list-style-type: none">• Demonstrates a depth of relevant knowledge and understanding of hazards, potential risk controls and responsibilities when planning and organising work• Communicates information in a well-reasoned response• Uses precise industry terminology	10–12
<ul style="list-style-type: none">• Demonstrates a general understanding of hazards, potential risk controls AND/OR responsibilities when planning and organising work• Communicates information appropriately using industry terminology	7–9
<ul style="list-style-type: none">• Demonstrates a basic knowledge of hazards OR potential risk controls OR responsibilities when planning and organising work• Communicates information using some industry terminology	4–6
<ul style="list-style-type: none">• Demonstrates a limited knowledge of hazards OR potential risk controls OR responsibilities when planning and organising work• Uses limited industry terminology	1–3

Construction

2009 HSC Examination Mapping Grid

Question	Marks	Unit of competency/Element of competency
Section I		
1	1	BCGCM2006B: 1.2 – Apply basic levelling procedures BCGCM1001B: 2.2 – Follow OH&S policies and procedures
2	1	RTC2704A: 1.4, 2.3 – Provide basic first aid
3	1	BCGCM2006B: 1.1, 2.3, 2.2, 3.1 – Apply basic levelling procedures
4	1	BCGCM1005B: 3.1, 3.2 – Carry out measurements and calculations
5	1	BCGCM1001B: 2.1, 2.2, 2.3 – Follow OH&S policies and procedures
6	1	BCGCM1005B: 3.1, 3.2 – Carry out measurements and calculations
7	1	BCGCM1001B: 1.3 – Follow OH&S policies and procedures
8	1	BCGCM1001B: 2.1, 2.2, 2.3 – Follow OH&S policies and procedures
9	1	BCGCM1003B: 2.1, 2.2 – Plan and organise work BCGCM1002B: 2.2, 2.3 – Work effectively in the general construction industry
10	1	BCGCM1005B: 1.2 – Carry out measurements and calculations BCGCM2005B: 1.1, 1.2 – Use construction tools and equipment
11	1	BCGCM1003B: 1.7 – Plan and organise work
12	1	BCGCM1002B: 3.1, 3.3 – Work effectively in the general construction industry
13	1	BCGCM1003B: 2.1 – Plan and organise work
14	1	BCGCM1003B: 1.7, 3.1 – Plan and organise work
15	1	BCGCM2001B: 1.1, 4.1, 4.2 – Read and interpret plans and specifications
Section II		
16 (a)	2	BCGCM2005B: 3.3, 4.1 – Use construction tools and equipment
16 (b)	2	BCGCM2005B: 4.1 – Use construction tools and equipment
17	3	BCGCM1003B: 1.1, 1.3 – Plan and organise work BCGCM1001B: 2.2 – Follow OH&S policies and procedures
18	3	RTC2704A: 1.1, 1.2, 1.3, 1.4 – Provide basic first aid
19 (a)	2	BCGCM1001B: 1.1 – Follow OH&S policies and procedures
19 (b)	2	BCGCM1001B: 1.3, 2.2, 2.3 – Follow OH&S policies and procedures RTC2704A: 1.2 – Provide basic first aid
20	5	BCGCM2005B: 1.4 – Use construction tools and equipment
21	2	BCGCM2006B: 1.4 – Apply basic levelling procedures
22 (a)	2	BCGCM1005B: 3.1, 4.1, 4.2 – Carry out measurements and calculations
22 (b)	2	BCGCM2004B: 1.4, 1.5, 1.6 – Handle construction materials
22 (c)	2	BCGCM2005B: 2.1, 4.1 – Use construction tools and equipment
22 (d)	2	BCGCM2006B: 1.4, 2.1 – Apply basic levelling procedures
22 (e)	2	BCGCM2005B: 2.1, 4.1 – Use construction tools and equipment
23	4	BCGCM1001B: 1.5, 2.3 – Follow OH&S policies and procedures BCGCM1004B: 1.3, 1.4, 1.1 – Conduct workplace communication

Question	Marks	Unit of competency/Element of competency
Section III		
24	15	BCGCM1002B: 1.1, 1.2, 1.3 – Work effectively in the general construction industry
25	15	BCGCM1001B: 1.1 – Follow OH&S policies and procedures BCGCM1003B: 1.2 – Plan and organise work BCGCM1002B: 2.2, 2.3 – Work effectively in the general construction industry
26	15	BCGCM1003B: 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 2.1 – Plan and organise work BCGCM2001B: 1.1, 1.2 – Work effectively in the general construction industry