



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

## **2009 HSC Information Technology Marking Guidelines**

### **Section I**

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

## Section II

### Question 16 (a) (i)

*Competencies assessed: ICAD2012A*

#### MARKING GUIDELINES

Criteria	Marks
• Gives the answer as 2	1

### Question 16 (a) (ii)

*Competencies assessed: ICAD2012A*

#### MARKING GUIDELINES

Criteria	Marks
• Identifies the correct staff member	2
• Identifies Greg Rania	1

### Question 16 (a) (iii)

*Competencies assessed: ICAD2012A*

#### MARKING GUIDELINES

Criteria	Marks
• Identifies 'Name' as the field to split and provides appropriate field names	2
• Identifies 'Name' as the field to split	1

**Question 16 (b) (i)***Competencies assessed: ICAD2012A***MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
• Data entry form includes at least TWO appropriate features	2
• Data entry form includes ONE appropriate feature	1

**Question 16 (b) (ii)***Competencies assessed: ICAD2012A***MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
• Identifies either 'State' or 'Salary' with appropriate justification for chosen field	2
• Identifies either 'State' or 'Salary' without justification	1

**Question 16 (b) (iii)***Competencies assessed: ICAD2012A***MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
• Explains an acceptable advantage	2
• Identifies an advantage	1

**Question 17 (a) (i), (ii) and (iii)***Competencies assessed: ICAU2013A***MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
• Outlines appropriate steps to incorporate these images into the slideshow	2
• Identifies a step to incorporate these images into the slideshow	1

**Question 17 (b)***Competencies assessed: ICAU2013A***MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
• Describes TWO differences between BMP and GIF file formats	4
• Describes ONE difference and identifies ONE other	3
• Describes ONE difference OR	2
• Identifies TWO differences	
• Identifies ONE difference	1

**Question 18 (a)***Competencies assessed: ICAW2001A, ICAW2002A***MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
• Identifies FOUR appropriate details	4
• Identifies THREE appropriate details	3
• Identifies TWO appropriate details	2
• Identifies ONE appropriate detail	1

**Question 18 (b)***Competencies assessed: ICAW2001A, ICAW2002A***MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
• Provides an appropriate justification for the use of one-to-one as opposed to user manual	2
• Identifies a reason without justification	1

**Question 19 (a)***Competencies assessed: ICAU3004A***MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
• Identifies TWO other items of information	2
• Identifies ONE other item of information	1

**Question 19 (b)***Competencies assessed: ICAU3004A***MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
• Describes ONE appropriate role of WorkCover in relation to OHS	2
• Identifies ONE role	1

**Question 19 (c)***Competencies assessed: ICAU3004A***MARKING GUIDELINES**

<b>Criteria</b>	<b>Marks</b>
• Rewrites or modifies FOUR points correctly	4
• Rewrites or modifies THREE points correctly	3
• Rewrites or modifies TWO points correctly	2
• Rewrites or modifies ONE point correctly	1

## Section III

### Question 20

Competencies assessed: ICAW2002A, ICAS3031A, ICAW2001A

#### MARKING GUIDELINES

Criteria	Marks
<ul style="list-style-type: none"> <li>Addresses all components of the question</li> <li>Provides a cohesive, well-reasoned response that reflects a high level of organisation, judgement, synthesis and problem-solving</li> <li>Demonstrates an in-depth understanding of IT functions with reference to the scenario used in the question</li> <li>Consistently uses precise IT terminology to a professional level</li> <li>Communicates in the manner required by the question consistently using standard industry formats</li> </ul>	13–15
<ul style="list-style-type: none"> <li>Addresses most components of the question</li> <li>Provides a cohesive, well-reasoned response showing significant organisational and problem-solving skills</li> <li>Demonstrates a detailed understanding of IT functions with reference to the scenario used in the question</li> <li>Uses precise IT terminology to a level acceptable in the industry</li> <li>Communicates in the manner required by the question using standard industry formats</li> </ul>	10–12
<ul style="list-style-type: none"> <li>Addresses most components of the question</li> <li>Provides a response displaying some organisational and problem-solving skills</li> <li>Demonstrates a basic understanding of IT functions with limited reference to the scenario used in the question</li> <li>Uses basic IT terminology</li> <li>Communicates in the manner required by the question using elements of industry formats</li> </ul>	7–9
<ul style="list-style-type: none"> <li>Addresses some components of the question</li> <li>Provides a response displaying limited organisational and problem-solving skills</li> <li>Demonstrates a limited understanding of IT functions and uses some IT terminology</li> <li>Communicates in the manner required by the question using few elements of industry formats</li> </ul>	4–6
<ul style="list-style-type: none"> <li>Addresses minimal components of the question</li> <li>Provides a response displaying limited organisation</li> <li>Communicates in the manner required by the question using few elements of industry formats</li> </ul>	1–3

## Question 21

Competencies assessed: ICAD3218A, ICAT3025A

### MARKING GUIDELINES

Criteria	Marks
<ul style="list-style-type: none"> <li>Addresses all components of the question</li> <li>Provides a cohesive, well-reasoned response that reflects a high level of organisation, judgement, synthesis and problem-solving</li> <li>Demonstrates an in-depth understanding of IT functions with reference to the scenario used in the question</li> <li>Consistently uses precise IT terminology to a professional level</li> <li>Communicates in the manner required by the question consistently using standard industry formats</li> </ul>	13–15
<ul style="list-style-type: none"> <li>Addresses most components of the question</li> <li>Provides a cohesive, well-reasoned response showing significant organisational and problem-solving skills</li> <li>Demonstrates a detailed understanding of IT functions with reference to the scenario used in the question</li> <li>Uses precise IT terminology to a level acceptable in the industry</li> <li>Communicates in the manner required by the question using standard industry formats</li> </ul>	10–12
<ul style="list-style-type: none"> <li>Addresses most components of the question</li> <li>Provides a response displaying some organisational and problem-solving skills</li> <li>Demonstrates a basic understanding of IT functions with limited reference to the scenario used in the question</li> <li>Uses basic IT terminology</li> <li>Communicates in the manner required by the question using elements of industry formats</li> </ul>	7–9
<ul style="list-style-type: none"> <li>Addresses some components of the question</li> <li>Provides a response displaying limited organisational and problem-solving skills</li> <li>Demonstrates a limited understanding of IT functions and uses some IT terminology</li> <li>Communicates in the manner required by the question using few elements of industry formats</li> </ul>	4–6
<ul style="list-style-type: none"> <li>Addresses minimal components of the question</li> <li>Provides a response displaying limited organisation</li> <li>Communicates in the manner required by the question using few elements of industry formats</li> </ul>	1–3

## Question 22

*Competencies assessed: ICAS3031A, ICAS3234A*

### MARKING GUIDELINES

Criteria	Marks
<ul style="list-style-type: none"> <li>Addresses all components of the question</li> <li>Provides a cohesive, well-reasoned response that reflects a high level of organisation, judgement, synthesis and problem-solving</li> <li>Demonstrates an in-depth understanding of IT functions with reference to the scenario used in the question</li> <li>Consistently uses precise IT terminology to a professional level</li> <li>Communicates in the manner required by the question consistently using standard industry formats</li> </ul>	13–15
<ul style="list-style-type: none"> <li>Addresses most components of the question</li> <li>Provides a cohesive, well-reasoned response showing significant organisational and problem-solving skills</li> <li>Demonstrates a detailed understanding of IT functions with reference to the scenario used in the question</li> <li>Uses precise IT terminology to a level acceptable in the industry</li> <li>Communicates in the manner required by the question using standard industry formats</li> </ul>	10–12
<ul style="list-style-type: none"> <li>Addresses most components of the question</li> <li>Provides a response displaying some organisational and problem-solving skills</li> <li>Demonstrates a basic understanding of IT functions with limited reference to the scenario used in the question</li> <li>Uses basic IT terminology</li> <li>Communicates in the manner required by the question using elements of industry formats</li> </ul>	7–9
<ul style="list-style-type: none"> <li>Addresses some components of the question</li> <li>Provides a response displaying limited organisational and problem-solving skills</li> <li>Demonstrates a limited understanding of IT functions and uses some IT terminology</li> <li>Communicates in the manner required by the question using few elements of industry formats</li> </ul>	4–6
<ul style="list-style-type: none"> <li>Addresses minimal components of the question</li> <li>Provides a response displaying limited organisation</li> <li>Communicates in the manner required by the question using few elements of industry formats</li> </ul>	1–3

# Information Technology

## 2009 HSC Examination Mapping Grid

Question	Marks	Unit of competency / Element of competency	
<b>Section I</b>			
1	1	ICAD2012A	Design organisational documents using computing packages
2	1	ICAU2013A	Integrate commercial computing packages
3	1	ICAS3031A	Provide advice to clients
4	1	ICAU2231A	Use computer operating system
5	1	ICAW2002A	Communicate in the workplace
6	1	ICAW2001A	Work effectively in an IT environment
7	1	ICAT3025A	Run standard diagnostic tests
8	1	ICAD3218A	Create user documentation
9	1	ICAU2013A	Integrate commercial computing packages
10	1	ICAW2001A	Work effectively in an IT environment
11	1	ICAD3218 A	Create user documentation
12	1	ICAS3031A	Provide advice to clients
13	1	ICAS3234A	Care for computer hardware
14	1	ICAU3004A	Apply occupational health and safety procedures
15	1	ICAI3020A	Install and optimise operating system software
<b>Section II</b>			
16 (a) (i)	1	ICAD2012A	Design organisational document using computer packages
16 (a) (ii)	2	ICAD2012A	Design organisational document using computer packages
16 (a) (iii)	2	ICAD2012A	Design organisational document using computer packages
16 (b) (i)	2	ICAD2012A	Design organisational document using computer packages
16 (b) (ii)	2	ICAD2012A	Design organisational document using computer packages
16 (b) (iii)	2	ICAD2012A	Design organisational document using computer packages
17 (a) (i)	2	ICAU2013A	Integrate commercial computing packages
17 (a) (ii)	2	ICAU2013A	Integrate commercial computing packages
17 (a) (iii)	2	ICAU2013A	Integrate commercial computing packages
17 (b)	4	ICAU2013A	Integrate commercial computing packages
18 (a)	4	ICAW2001A ICAW2002A	Communicate in the workplace Work effectively in an IT environment
18 (b)	2	ICAW2002A ICAW2001A	Work effectively in an IT environment Communicate in the workplace
19 (a)	2	ICAU3004A	Apply occupational health and safety procedures
19 (b)	2	ICAU3004A	Apply occupational health and safety procedures
19 (c)	4	ICAU3004A	Apply occupational health and safety procedures
<b>Section III</b>			
20	15	ICAW2002A ICAS3031A ICAW2001A	Communicate in the workplace Provide advice to clients Work effectively in an IT environment
21	15	ICAD3218A ICAT3025A	Create user documentation Run standard diagnostic tests
22	15	ICAS3031A ICAS3234A	Provide advice to clients Care for computer hardware