



**BOARD OF STUDIES**  
NEW SOUTH WALES

## **2011 HSC Industrial Technology Timber Products and Furniture Technologies Marking Guidelines**

### **Section I**

#### **Multiple-choice Answer Key**

<b>Question</b>	<b>Answer</b>
1	B
2	B
3	D
4	D
5	A
6	C
7	A
8	B
9	A
10	B

## Section II

### Question 11 (a)

Criteria	Marks
• Identifies a sustainable timber	1

### Question 11 (b)

Criteria	Marks
• Gives TWO reasons why few chairs are now manufactured from Australian Red Cedar	2
• Gives a reason why few chairs are now manufactured from Australian Red Cedar	1

### Question 11 (c)

Criteria	Marks
• With the aid of a sketch, sketches in general terms ONE method of attaching a seat to the rails	2
• Indicates a method of attaching a seat to the rails or provides a sketch	1

### Question 11 (d)

Criteria	Marks
• Provides characteristics and features of manufacturing turned legs and replicating shape	3
• Sketches in general terms manufacturing turned legs and replicating shape OR • Provides characteristics and features of manufacturing turned legs OR • Provides characteristics and features of replicating shape	2
• Identifies elements of turning OR copying shape	1

### Question 12

Criteria	Marks
• Provides advantages of kiln seasoning over air seasoning	3
• Provides an advantage of kiln seasoning over air seasoning	2
• Lists a feature of kiln seasoning or air seasoning	1

**Question 13**

<b>Criteria</b>	<b>Marks</b>
• Determines the value of a range of timber finishes	4
• Determines the value of a finish and sketches in general terms another finish	3
• Sketches in general terms TWO finishes	2
• Lists a range of finishes	1

**Section III****Question 14 (a)**

<b>Criteria</b>	<b>Marks</b>
• Provides characteristics and features of personnel issues the company needs to consider when staffing the new facility	5
• Sketches in general terms personnel issues the company needs to consider when staffing the new facility	3–4
• Identifies personnel issues the company needs to consider when staffing the new facility	1–2

**Question 14 (b)**

<b>Criteria</b>	<b>Marks</b>
• Makes the relationships between the factors, other than personnel issues, that affect the viability of a company and the establishment of a facility in a new location evident	9–10
• Identifies factors, other than personnel issues, that affect the viability of a company and provides points for how they relate to the establishment of a facility in a new location	7–8
• Provides characteristics and features of factors, other than personnel issues, that would affect the viability of the company when establishing a facility in a new location	5–6
• Sketches in general terms the factors, other than personnel issues, that affect the viability of a company when establishing a facility in a new location	3–4
• Indicates features of factors, other than personnel issues, that affect the viability of a company when establishing a facility in a new location	1–2

# Industrial Technology

## Timber Products and Furniture Technologies

### 2011 HSC Examination Mapping Grid

#### Section I

Question	Marks	Content	Syllabus outcomes
1	1	Process tools and machinery	H6.2
2	1	Process tools and machinery	H1.2
3	1	Process tools and machinery	H6.2
4	1	Process tools and machinery	H6.2
5	1	Process tools and machinery	H1.2
6	1	Material	H1.2
7	1	Process tools and machinery	H1.2
8	1	Material	H2.1
9	1	Tools and machinery	H4.3
10	1	Tools and machinery	H4.3

#### Section II

Question	Marks	Content	Syllabus outcomes
11 (a)	1	Material	H4.3
11 (b)	2	Material	H4.3
11 (c)	2	Process tools and machinery	H2.1
11 (d)	3	Process tools and machinery	H4.1
12	3	Process tools and machinery	H2.1, H6.1
13	4	Process tools and machinery	H4.3, H6.2

#### Section III

Question	Marks	Content	Syllabus outcomes
14 (a)	5	Occupational health and safety	H1.1, H1.2
14 (b)	10	Occupational health and safety	H1.1, H1.2, H6.2, H7.1