



## **2012 HSC Industrial Technology Timber Products and Furniture Technologies Marking Guidelines**

### **Section I**

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

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

## Section II

### Question 11 (a)

Criteria	Marks
• Indicates the main properties to be considered when selecting timber for the outdoor garden bench seat	2
• Indicates a property to be considered when selecting timber for the outdoor garden bench seat	1

### Question 11 (b)

Criteria	Marks
• Provides characteristics and features of suitable mass-production processes for manufacturing the rear leg	3
• Provides a characteristic and a feature of a suitable mass-production process for manufacturing the rear leg	2
• Sketches in general terms a suitable mass-production process for manufacturing the rear leg	1

### Question 11 (c)

Criteria	Marks
• Names a suitable adhesive and supports with detailed argument or evidence for its use in the construction of the outdoor garden bench seat	3
• Names a suitable adhesive and supports with an argument or evidence for its use in the construction of the outdoor garden bench seat	2
• Gives a description of a suitable adhesive	1

**Question 11 (d) (i)**

Criteria	Marks
<ul style="list-style-type: none"> <li>Clearly sketches with labels a suitable joint that could be used to join the end rails to the legs</li> </ul>	2
<ul style="list-style-type: none"> <li>Sketches a suitable joint without appropriate labels that could be used to join the end rails to the legs</li> </ul> OR <ul style="list-style-type: none"> <li>Poorly sketches with labels a suitable joint that could be used to join the end rails to the legs</li> </ul>	1

**Question 11 (d) (ii)**

Criteria	Marks
<ul style="list-style-type: none"> <li>Indicates the main features of the advantages for using this method</li> </ul>	2
<ul style="list-style-type: none"> <li>Indicates a main feature of an advantage for using a suitable method</li> </ul>	1

**Question 11 (e)**

Criteria	Marks
<ul style="list-style-type: none"> <li>Recognises and names a suitable finish. Provides detailed characteristics and features of the preparation and of the surface and application of that finish for the outdoor garden bench seat</li> </ul>	3
<ul style="list-style-type: none"> <li>Sketches in general terms the preparation and application of a finish</li> </ul>	2
<ul style="list-style-type: none"> <li>Indicates a finish or a step in the preparation or application of a finish</li> </ul>	1

## Section III

### Question 12 (a)

Criteria	Marks
• Provides characteristics and features of web-based technologies the company could use to market and sell its goods and services	5
• Sketches in general terms web-based technologies the company could use to market and sell its goods and services	3–4
• Identifies a web-based technology that could be used	1–2

### Question 12 (b)

Criteria	Marks
• Provides characteristics and features of TWO impacts on the organisation and work practices of the company if web-based technologies were implemented	9–10
• Provides characteristics and features of ONE impact and sketches in general terms another impact on the organisation and work practices of the company if web-based technologies were implemented	7–8
• Sketches in general terms ONE impact on the organisation and ONE impact on work practices of the company if web-based technologies were implemented	5–6
• Sketches in general terms ONE impact and identifies another impact on the organisation and work practices of the company if web-based technologies were implemented	3–4
• Identifies an organisational and/or work practices impact on the company if web-based technologies were implemented	1–2

# Industrial Technology

## Timber Products and Furniture Technologies

### 2012 HSC Examination Mapping Grid

#### Section I

Question	Marks	Content	Syllabus outcomes
1	1	Materials	H4.3
2	1	Processes, Tools and Machinery	H1.2
3	1	Processes, Tools and Machinery	H3.2, H4.3
4	1	Materials	H4.3
5	1	Processes, Tools and Machinery	H1.2, H3.1
6	1	Processes, Tools and Machinery	H1.2, H3.2
7	1	Processes, Tools and Machinery	H1.2, H4.3
8	1	Processes, Tools and Machinery	H1.2, H3.1
9	1	Processes, Tools and Machinery	H4.3, H3.2
10	1	Processes, Tools and Machinery	H4.3, H3.2

#### Section II

Question	Marks	Content	Syllabus outcomes
11 (a)	2	Materials	H1.2, H4.3
11 (b)	3	Tools and Machinery	H1.2, H4.3
11 (c)	3	Processes, Tools and Machinery	H4.3, H1.2
11 (d) (i)	2	Processes, Tools and Machinery	H1.2, H3.1
11 (d) (ii)	2	Processes, Tools and Machinery	H1.2, H3.1
11 (e)	3	Processes, Tools and Machinery	H1.2, H2.1

#### Section III

Question	Marks	Content	Syllabus outcomes
12 (a)	5	Structural Considerations	H1.1, H1.2, H7.1, H7.2
12 (b)	10	Personnel Issues	H1.1, H1.2, H7.1, H7.2