



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

2010 HSC Industrial Technology Timber Products and Furniture Technologies Marking Guidelines

Section I

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



Section II

Question 11

Criteria	Marks
<ul style="list-style-type: none">Any sketch that alludes to a suitable knockdown fitting whether pictorial or orthogonal	1

Question 12

Criteria	Marks
<ul style="list-style-type: none">Indicates more than one advantage	2
<ul style="list-style-type: none">Indicates one advantage	1

Question 13

Criteria	Marks
<ul style="list-style-type: none">Names and provides characteristics and features of a suitable joint with a relevant sketch	2
<ul style="list-style-type: none">Provides the features or sketch of a suitable joint	1

**Question 14**

Criteria	Marks
<ul style="list-style-type: none">Provides the characteristics and features of safety issues that relate to constructing and finishing cabinet furniture made from manufactured boards	3
<ul style="list-style-type: none">Provides characteristics and features of a safety issue that relates to construction or finishing	2
<ul style="list-style-type: none">Provides a main feature related to safety	1

Question 15

Criteria	Marks
<ul style="list-style-type: none">Identifies issues and provides points for and against the use of solid timber for the top of the entertainment unit	3
<ul style="list-style-type: none">Identifies an issue and provides points for/against the use of solid timber for the top of the entertainment unitIdentifies issues and provides points for or against the use of solid timber for the top of the entertainment unit	2
<ul style="list-style-type: none">Identifies an advantage or disadvantage in the use of solid timber	1

Question 16

Criteria	Marks
<ul style="list-style-type: none">Provides characteristics and features of appropriate manufacturing techniques when making furniture from manufactured board	4
<ul style="list-style-type: none">Provides characteristics and features of an appropriate manufacturing technique when making furniture from manufactured board	3
<ul style="list-style-type: none">Identifies more than one manufacturing technique when making furniture	2
<ul style="list-style-type: none">Identifies an appropriate manufacturing technique when making furniture	1



Section III

Question 17 (a)

Criteria	Marks
• Sketches in general terms environmental factors which may impact on expansion	3
• Identifies environmental factors which may impact on expansion	2
• Identifies an environmental factor which may impact on expansion	1

Question 17 (b)

Criteria	Marks
• Analyses the relationships between the structural, technical and personnel issues that need to be considered prior to relocating	10–12
• Shows the relationship between structural and technical OR structural and personnel OR technical and personnel issues prior to relocating	7–9
• Provides features of structural and technical OR structural and personnel OR technical and personnel issues	4–6
• Outlines the structural or technical or personnel issues	1–3

Industrial Technology

Timber Products and Furniture Technologies

2010 HSC Examination Mapping Grid

Question	Marks	Content	Syllabus outcomes
Section I			
1	1	Fitting - hardware	H4.3
2	1	Adhesives	H4.3
3	1	Construction	H4.3
4	1	Tools and Machinery	H1.2
5	1	Framing joints	H4.3
6	1	Timber conversion	H1.2
7	1	Manufactured boards	H1.2, H4.3, H6.1
8	1	Construction techniques	H1.2
9	1	Planning – Processes	H2.1, H3.2
10	1	Processes - Planning	H5.1
Section II			
11	1	Construction techniques/ fittings	H1.2
12	2	Manufacturing	H1.2
13	2	Framing joints	H4.3
14	3	Tools and Machinery	H2.1, H1.2, H4.3
15	3	Timber Selection	H4.3
16	4	Construction techniques	H1.2
Section III			
17(a)	3	Environmental and Sociological considerations	H7.1, H1.1
17(b)	12	Structural considerations, Technical considerations, Personnel considerations	H1.1, H7.1, H7.2