



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

2010 HSC Industrial Technology Multimedia Technologies Marking Guidelines

Section I

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

Section II

Question 11

Criteria	Marks
<ul style="list-style-type: none">Indicates how a.wav file could be optimised for use on the web	1

Question 12

Criteria	Marks
<ul style="list-style-type: none">Shows how streaming and downloading are similar or different	2
<ul style="list-style-type: none">Indicates a feature of one method	1

Question 13

Criteria	Marks
<ul style="list-style-type: none">Indicates advantages of using CSS to develop websites	2
<ul style="list-style-type: none">Indicates an advantage of using CSS to develop websites	1

Question 14

Criteria	Marks
<ul style="list-style-type: none">• Recognises and names two categories of compression AND• Provides characteristics and features of types	3
<ul style="list-style-type: none">• Recognises and names two categories of compression AND• Provides characteristics and features of ONE type	2
<ul style="list-style-type: none">• Recognises, names and indicates a feature of a compression type	1

Question 15

Criteria	Marks
<ul style="list-style-type: none">• Provides the characteristics and features as well as the advantages and disadvantages of using vector and bitmapped images in multimedia presentations	3
<ul style="list-style-type: none">• Sketches in general terms advantages and disadvantages for each image type in a multimedia presentation	2
<ul style="list-style-type: none">• Recognises and names an advantage or disadvantage of each image type	1

Question 16

Criteria	Marks
<ul style="list-style-type: none">• Provides characteristics and features of the procedures that need to be followed when developing a website for a client	4
<ul style="list-style-type: none">• Provides characteristics and features of most procedures that need to be followed when developing a website for a client	3
<ul style="list-style-type: none">• Sketches in general terms most procedures that need to be followed when developing a website for a client	2
<ul style="list-style-type: none">• Lists some procedures that need to be followed when developing websites	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

Multimedia Technologies

2010 HSC Examination Mapping Grid

Question	Marks	Content	Syllabus outcomes
Section I			
1	1	Graphics – file format	H4.3
2	1	Text – fonts and formatting	H5.1
3	1	Video editing – special effects	H4.3
4	1	Multimedia design – storyboard	H4.3
5	1	WWW – history and development	H1.3
6	1	WWW – development	H1.3
7	1	WWW text hyperlinks	H4.3
8	1	Video connection speed	H3.2
9	1	WWW text pdf	H4.3
10	1	Graphics – file size	H4.3
Section II			
11	1	Graphics file size compression	H4.1
12	2	Video - streaming	H4.3
13	2	Text - CSS	H4.3
14	3	Video compression	H4.3
15	3	Graphics images	H1.2
16	4	Authoring	H3.2, H5.1
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