Rewarding Learning

General Certificate of Secondary Education
January 2011

Manufacturing

Paper 2
Assessment Unit 3
assessing
Manufacturing Technology

[GMA32]

MONDAY 31 JANUARY, MORNING

MARK SCHEME

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		AVAILABLE MARKS
1 **(a)**	Varnish Other answers considered [1]	
(b)	PVA Other answers considered [1]	
(c)	More accurate Faster Other answers considered [2 × 2] [4]	
(d) **(i)**	Drawing package – Solid Works Prodesktop. Other answers considered [1] Explain how it is used – This package is able to model initial ideas quickly. Other answers considered [2]	
(ii)	Benefit of using ICT – Ideas can be modified quickly [2]	
(e)	Different parts of the door construction may need more strength Other answers considered [2]	
(f)	Lead times reduced Accidents reduced Reduce labour Other answers considered [2 × 2] [4]	
(g)	Specialist workforce required. Reduced size of workforce Other answers considered [2]	
(h)	CNC router [1]	
(i)	Appropriate diagrams showing the difference between corner bridle joints and mortice and tenon joints. Marks will be awarded for ● Detail contained in sketches [4] ● Quality of sketches [3] ● Detailed notes [3] [10]	
(j)	Appropriate diagram showing how a tongue and groove joint may be incorporated into a panel door. Marks will be awarded for ● Suitability of chosen method [4] ● Quality of sketches [3] ● Detailed notes [3] [10]	40
	Total	**40**