



7906-503 MARCH 2018 Level 3 Advanced Technical Diploma in Architectural Joinery (450)

Level 3 Architectural Joinery - Theory exam

If provided, stick your candi barcode label here.	data	Thursday 22 March 2018 09:30 – 12:00		
Candidate name (first, last)			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
First		J. J.		
Last				
Candidate enrolment number	Date of birth (DDMMYYYY)	Gerger (M/F)		
Assessment date (DDMMYYYY)	Centre number	Candidate signature a	nd declaration*	
	··	\$		
• If any additional answer sheets	are used enter the addition:	al number of nages in this br		
• Please ensure that you staple				
booklet, clearly labelling them				
and qualification number in BLC				
• All candidates need to use a bl		a pencil or gel pen.		
• If provided with source docume	ents, there documents will r	not be returned to City & Gui	lds.	

and will be shredded. **Do not** writes he source documents.

*I declare that I had no prior knowledge of the questions in this assessment and that I will not divulge to any person any information about the questions.

You should have the following for this examination

- non-programmable faiculator
- a pen with blue or black ink

General in actions

This quession paper is the property of City and Guilds of London and should be returned after the examination.

- This examination contains 22 questions. Answer all questions.
- **Section A** consists of **10** multiple choice questions, each carrying 1 mark.
- Indicate your response (a, b, c or d) in the space provided.
- \bullet Section B consists of 12 structured/short answer questions.
- Answer the questions in the space provided.
- \circ The marks for each question are shown in brackets.

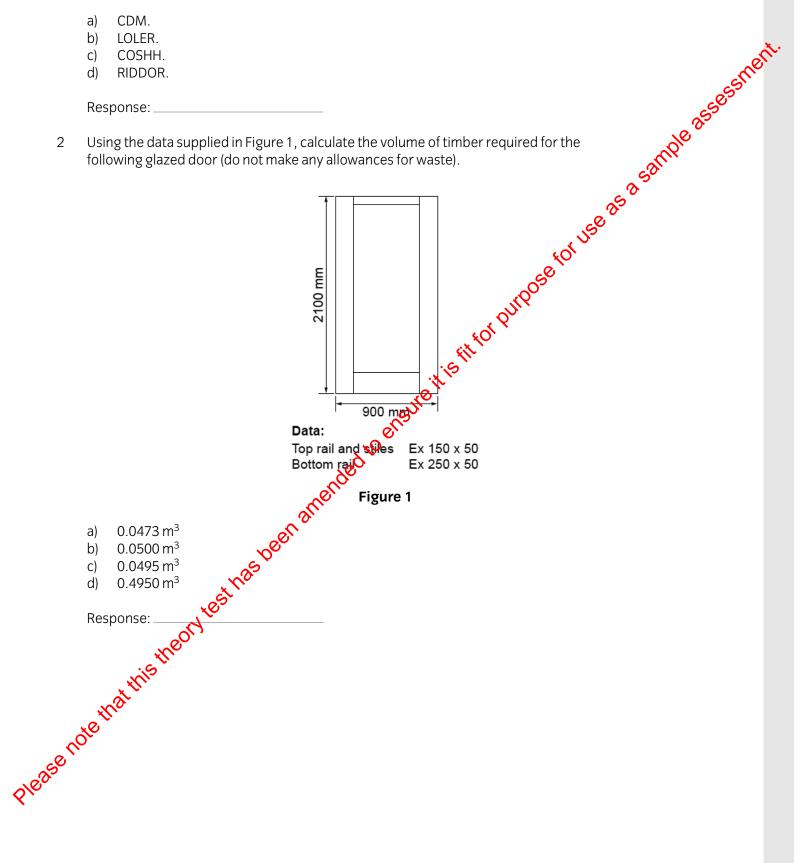
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Section A

- Which regulation requires the HSE to be notified if an operative is off work for seven 1 days due to an accident?
 - a) CDM.
 - b) LOLER.
 - C) COSHH.
 - RIDDOR. d)

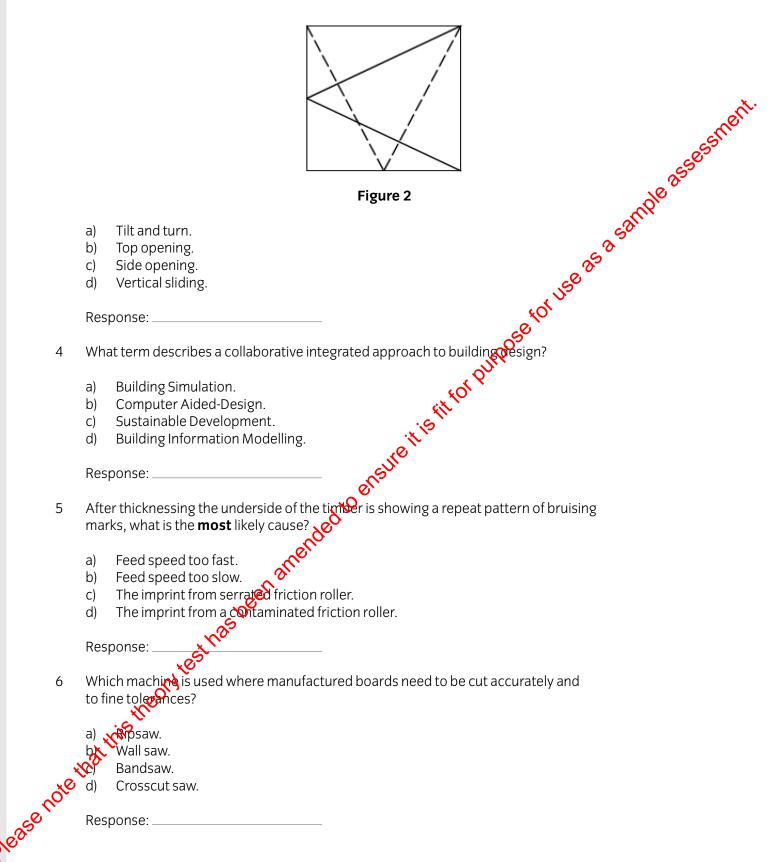
Response:

Using the data supplied in Figure 1, calculate the volume of timber required for the 2 following glazed door (do not make any allowances for waste).



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3 What type of casement window, does the symbol shown in Figure 2 represent?



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- 7 Which machine has a thrust wheel and guide assembly?
 - a) Ripsaw.
 - b) Bandsaw.
 - Thicknesser. C)
 - d) Surface planer.
- 8

- 9

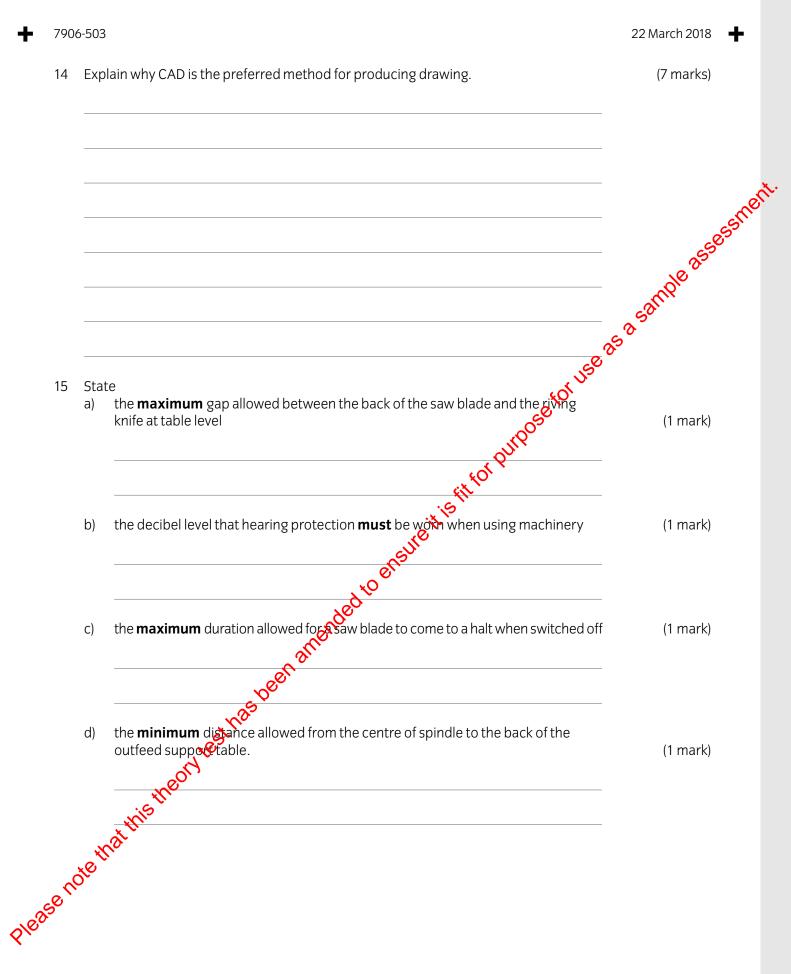
- 10 What is the cause of a hollow square morticing chiel turning blue?

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Section **B**

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12	a)	State the difference between a quote and an estimate.	(2 mgs ks)
	b)	Calculate the cost of the following timber using the data provided.	a samt.
		Data 16 boards at 2000 mm long, 225 mm wide and 63 mm thick. The price of the timber is £450/m ³	
		fit for purpe	_
		nsueitis	_
		ended to e.	-
		E been ant	-
		test has	-
13	Ide	ntify three cost when preparing a quote for a building project.	(3 marks)
senote		ntify three cost when preparing a quote for a building project.	_
F			-

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16 State the term given to (1 mark) a) sawing timber through its thinnest dimension (1 mark) b) sawing timber through its thickest section. (1 mark) 17 State the minimum a a) distance from the end of a cut and push stick must be used a sawing timber through its thickest section. 17 State the minimum a) (1 mark) b) length of push stick allowed. (1 mark) b) length of push stick allowed. (1 mark) 18 State three additional operations that can be perforgived on a ripsaw bench other that those given in question 16. (3 marks) 19 Describe the machining provesses of producing two components using a ripsaw. (6 marks)		22 March 2018
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	natth	
		a) sawing timber through its thinnest dimension

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A small joinery company has been asked to quote for a batch run of 50 ash, 22 six panelled doors. Discuss the considerations and production planning requirements for the doors prior Prese rue tre the tree the tre to quoting for this work. (12 marks)

