



# **City & Guilds Level 2 Extended Technical Occupational Entry in Wood Occupations (Diploma) - Architectural Joinery (7255-62)**

**Version 1.0 (July 2025)**

**Sample MCQ (7255 - 252)**

**Sample paper, multiple choice answer sheet and mark scheme**

Version and date	Change detail	Section
1.0 July 2025	Initial version	All

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SAMPLE

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SAMPLE

# 1 Introduction

Area	Description
What is in this document	This document contains the sample test, multiple choice answer sheet and mark scheme for multiple choice 252 test.
Documents included:	<ul style="list-style-type: none"><li>• Sample questions</li><li>• Multiple choice answer sheet</li><li>• Mark scheme</li></ul> <p>Learners should be provided with sample questions and the answer sheet.</p> <p>The mark scheme is to be used by training providers to mark the completed tests.</p>

**Note to centres:** this sample paper-based version of the multiple choice test is to support formative assessment activities.

Live versions of the multiple choice test can be accessed using City & Guilds e-evolve online system. Please refer to the qualification handbook for details on how to book and administer live tests.

## 2 7255-252 MCQ (sample questions)

**Test duration: 55 minutes**

**Learners should have the following for this test:**

- a pen with black or blue ink
- a calculator
- multiple choice questions answer sheets.

**Learners should read the following notes before you answer any questions:**

- Attempt all questions.
- If you find a question difficult, leave it and return to it later.

**This paper contains 35 multiple choice questions worth 1 mark each.**

**This question paper is the property of City & Guilds.**

How to complete the multiple-choice answer sheet.

Each multiple-choice question shows four possible answers (lettered 'a', 'b', 'c', 'd'); only one is correct.

Decide which one is correct and mark your answer on the answer sheet with your pen.

For example, if you decide 'b' is correct, mark your answer with a cross like this:

1 a  b  c  d


**If you change your answer, cancel your first choice by filling in the box then put a cross in the answer which you have now decided is correct, like this:**

1 a  b  c  d

<b>Q1</b>	Which of the timbers listed has a pronounced 'figure' when quarter sawn? (1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Whitewood.</li> <li>b) Redwood.</li> <li>c) Oak.</li> <li>d) Beech.</li> </ul>
<b>AO</b>	AO1b
<b>Qual spec reference</b>	210 1.1.1

<b>Q2</b>	Which timber is a softwood? (1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Ash.</li> <li>b) Beech.</li> <li>c) Redwood.</li> <li>d) Mahogany.</li> </ul>
<b>AO</b>	AO1a
<b>Qual spec reference</b>	210 1.1.1

<b>Q3</b>	<p>What timber conversion method was used to produce the board shown in Figure 1? (1 mark)</p> <div data-bbox="571 293 1174 456" data-label="Image"> </div> <p style="text-align: center;">Figure 1 Published anonymously</p>
<b>Mark Scheme</b>	<p>a) Tangential. b) Boxed heart. c) Quarter sawn. d) Radial.</p>
<b>AO</b>	AO1a
<b>Qual spec reference</b>	210 2.1.1

<b>Q4</b>	Which timber defect is shown in Figure 2? (1 mark)
 <p data-bbox="724 667 1038 745">Figure 2 Published anonymously</p>	
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Pith.</li> <li>b) Cup.</li> <li>c) Waney edge.</li> <li>d) Upset.</li> </ul>
<b>AO</b>	AO1a
<b>Qual spec reference</b>	210 3.1.1

<b>Q5</b>	Which document provides door location and detailed ironmongery information? (1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Schedule.</li> <li>b) Requisition.</li> <li>c) Cutting list.</li> <li>d) Workshop rod.</li> </ul>
<b>AO</b>	AO1a
<b>Qual spec reference</b>	215 1.1.1

<b>Q6</b>	Why should you obtain measurements for joinery products from site rather than taking measurements from drawings? (1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) To check for inaccuracies.</li> <li>b) Scaling from drawings is impossible.</li> <li>c) CAD drawings are difficult to work from.</li> <li>d) CAD drawings cannot be printed.</li> </ul>
<b>AO</b>	AO1b
<b>Qual spec reference</b>	215 1.2.1

<b>Q7</b>	Which type of square is used to mark stair treads onto a string? (1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Try.</li> <li>b) Tee.</li> <li>c) Roofing / Framing.</li> <li>d) Set.</li> </ul>
<b>AO</b>	AO1a
<b>Qual spec reference</b>	215 1.4.1

<b>Q8</b>	Which joinery product can have a Muntin as a component? (1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Lining.</li> <li>b) Window.</li> <li>c) Stair.</li> <li>d) Door.</li> </ul>
<b>AO</b>	AO1a
<b>Qual spec reference</b>	215 1.7.1


<b>Q9</b>	What is the term given to the notch between the through twin mortice and tenon at the middle rail on a stile? (1 mark)
<b>Mark Scheme</b>	a) Fox. b) Stub. c) Blind. d) Haunch.
<b>AO</b>	AO1a
<b>Qual spec reference</b>	215 1.7.1

<b>Q10</b>	What are the vertical members of a door frame called? (1 mark)
<b>Mark Scheme</b>	a) Heads. b) Jambs. c) Transoms. d) Cills.
<b>AO</b>	AO1a
<b>Qual spec reference</b>	215 1.6.1

<b>Q11</b>	What is the standard method used to joint a door lining? (1 mark)
<b>Mark Scheme</b>	a) Stopped housing. b) Through housing. c) Corner halving. d) Tee halving.
<b>AO</b>	AO1a
<b>Qual spec reference</b>	215 1.6.1


<b>Q12</b>	What is the purpose of a stair tread wedge?	(1 mark)
<b>Mark Scheme</b>	a) So that the steps are firmly fixed with reduced squeaking. b) Removes the need for adhesives. c) Removes the need for glue blocks. d) So that risers have room for movement to reduce cracking.	
<b>AO</b>	AO1b	
<b>Qual spec reference</b>	215 1.8.1	


<b>Q13</b>	What joint is used at the front of a wooden drawer box?	(1 mark)
<b>Mark Scheme</b>	a) Lapped dovetails. b) Through dovetails. c) Stopped housing. d) Through housing.	
<b>AO</b>	AO1b	
<b>Qual spec reference</b>	215 1.9.1	

<b>Q14</b>	What moulding is shown in Figure 3? <span style="float: right;">(1 mark)</span> <div style="text-align: center;">  <p>Figure 3 Published anonymously</p> </div>
<b>Mark Scheme</b>	a) Ogee. b) Chamfer. c) Scotia. d) Ovolo.
<b>AO</b>	AO1a
<b>Qual spec reference</b>	215 1.10.1

<b>Q15</b>	Which legislation sets out requirements for dust control? <span style="float: right;">(1 mark)</span>
<b>Mark Scheme</b>	a) RIDDOR. b) PUWER. c) COSHH. d) ACOP.
<b>AO</b>	AO1a
<b>Qual spec reference</b>	216 1.1.1

<b>Q16</b>	When inserting a new band saw blade, in what order would the process be completed? (1 mark)
<b>Mark Scheme</b>	<p>a) Track blade, tension blade, fasten table closure, set guide assembly.</p> <p>b) Tension blade, track blade, set guide assembly, fasten table closure.</p> <p>c) Set guide assembly, tension blade, fasten table closure, set guide assembly.</p> <p>d) Fasten table closure, track blade, tension blade, set guide assembly.</p>
<b>AO</b>	AO1a
<b>Qual spec reference</b>	216 1.2.1


<b>Q17</b>	<p>On a dimension saw what is the guard shown in Figure 4 called? (1 mark)</p>  <p style="text-align: center;">Figure 4 Published anonymously – Axminster Tools</p>
<b>Mark Scheme</b>	<p>a) Bonnet guard.</p> <p>b) Telescopic guard.</p> <p>c) Bridge guard.</p> <p>d) Crown guard.</p>
<b>AO</b>	AO1a
<b>Qual spec reference</b>	216 2.1.1


<b>Q18</b>	What is the correct name for the part on a dimension saw shown in Figure 5? (1 mark) <div style="text-align: center;">  <p>Figure 5 Published anonymously – scosarg.com</p> </div>
<b>Mark Scheme</b>	a) Riving knife. b) Crown guard. c) Rip fence. d) Gullet.
<b>AO</b>	AO1a
<b>Qual spec reference</b>	216 2.1.2

<b>Q19</b>	Why are the cutters used in a surface planer, chip limited? (1 mark)
<b>Mark Scheme</b>	a) To make the cutter block spin faster. b) To reduce the potential of severe injury. c) To extend the service life of cutting edges. d) To minimise the requirement for a guard.
<b>AO</b>	AO1b
<b>Qual spec reference</b>	216 2.2.1


<b>Q20</b>	What is the rear table on a surface planer called? (1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Infeed table.</li> <li>b) Adjustable table.</li> <li>c) Down draft table.</li> <li>d) Outfeed table.</li> </ul>
<b>AO</b>	AO1a
<b>Qual spec reference</b>	216 2.2.1

<b>Q21</b>	What woodworking machine uses a depth stop to form a haunch? (1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Spindle moulder.</li> <li>b) Dimension saw.</li> <li>c) Morticer.</li> <li>d) Thicknesser.</li> </ul>
<b>AO</b>	AO1a
<b>Qual spec reference</b>	216 2.3.1

<b>Q22</b>	What is missing from the Figure 6 image below, in order to form a mortice? (1 mark) <div style="text-align: center;">  <p>Figure 6 Published anonymously – Power Tools Direct</p> </div>
<b>Mark Scheme</b>	a) Auger bit. b) HSS bit. c) Spade bit. d) Forstner bit.
<b>AO</b>	AO1a
<b>Qual spec reference</b>	216 2.3.1

<b>Q23</b>	<p>On a spindle moulder, what adjustment would you make to reduce dimension A on Figure 7? (1 mark)</p>  <p style="text-align: center;">Figure 7 Publish anonymously</p>
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Increase the height of the cutter.</li> <li>b) Decrease the height of the cutter.</li> <li>c) Move the fence forward.</li> <li>d) Move the fence backwards.</li> </ul>
<b>AO</b>	AO2
<b>Qual spec reference</b>	216 2.4.1

<b>Q24</b>	<p>Which of the following is found on a spindle moulder? (1 mark)</p>
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Table rings.</li> <li>b) Riving knife.</li> <li>c) Serrated roller.</li> <li>d) Thrust bearing.</li> </ul>
<b>AO</b>	AO1a
<b>Qual spec reference</b>	216 2.4.1


<b>Q25</b>	Why is the tool in Figure 8 <b>best</b> set to the chisel being used? (1 mark) <div style="text-align: center;">  <p>Figure 8 Published anonymously – Power Tools Direct</p> </div>
<b>Mark Scheme</b>	a) Chisels are always of a standard dimension. b) Chisels of a nominal size can vary. c) All chisels are Imperial sizes. d) All chisels are Metric sizes.
<b>AO</b>	AO1b
<b>Qual spec reference</b>	217 1.5.1

SAMPLE


<b>Q26</b>	<p>A range of joinery components have become mixed up during the secondary machining process. Match each component with its correct joinery item in Table 1. (1 mark)</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2">Component</th> <th colspan="2">Joinery item</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Tread</td> <td>W</td> <td>Door</td> </tr> <tr> <td>2</td> <td>Stile</td> <td>X</td> <td>Window frame</td> </tr> <tr> <td>3</td> <td>Head</td> <td>Y</td> <td>Lining</td> </tr> <tr> <td>4</td> <td>Transom</td> <td>Z</td> <td>Staircase</td> </tr> </tbody> </table> <p style="text-align: center;">Table 1</p>	Component		Joinery item		1	Tread	W	Door	2	Stile	X	Window frame	3	Head	Y	Lining	4	Transom	Z	Staircase
Component		Joinery item																			
1	Tread	W	Door																		
2	Stile	X	Window frame																		
3	Head	Y	Lining																		
4	Transom	Z	Staircase																		
<b>Mark Scheme</b>	<p>a) 1X, 2W, 3Y, 4Z.  b) 1Z, 2Y, 3W, 4X.  c) 1Z, 2W, 3Y, 4X.  d) 1W, 2Z, 3Y, 4X.</p>																				
<b>AO</b>	AO2																				
<b>Qual spec reference</b>	217 1.1.1																				

<b>Q27</b>	<p>Which joint would you use to join <b>two</b> boards across their width? (1 mark)</p>
<b>Mark Scheme</b>	<p>a) Halving joint.  b) Mortice and tenon.  c) Biscuit joint.  d) Housing joint.</p>
<b>AO</b>	AO1b
<b>Qual spec reference</b>	217 1.2.1

<p><b>Q28</b></p>	<p>A joiner has been given a cutting list to manufacture a purpose made interior door with a central middle rail. Some of the data is missing and has to be completed before it can be machined.</p> <p>Determine the missing data from the cutting list in Table 2? (1 mark)</p> <table border="1" data-bbox="379 322 1386 696"> <thead> <tr> <th>Item</th> <th>Species</th> <th>No.</th> <th>Length</th> <th>Sawn Width</th> <th>Sawn Thickness</th> <th>Finished Width</th> <th>Finished Thickness</th> </tr> </thead> <tbody> <tr> <td>Stiles</td> <td>Redwood</td> <td>2</td> <td>2050</td> <td>126</td> <td>63</td> <td>120</td> <td>56</td> </tr> <tr> <td>Top Rail</td> <td>Redwood</td> <td>1</td> <td>?</td> <td>126</td> <td>63</td> <td>120</td> <td>56</td> </tr> <tr> <td>Muntin</td> <td>Redwood</td> <td>1</td> <td>800</td> <td>126</td> <td>63</td> <td>120</td> <td>56</td> </tr> <tr> <td>Middle, Bottom Rails</td> <td>Redwood</td> <td>2</td> <td>800</td> <td>201</td> <td>63</td> <td>195</td> <td>56</td> </tr> </tbody> </table> <p style="text-align: center;">Table 2</p>	Item	Species	No.	Length	Sawn Width	Sawn Thickness	Finished Width	Finished Thickness	Stiles	Redwood	2	2050	126	63	120	56	Top Rail	Redwood	1	?	126	63	120	56	Muntin	Redwood	1	800	126	63	120	56	Middle, Bottom Rails	Redwood	2	800	201	63	195	56
Item	Species	No.	Length	Sawn Width	Sawn Thickness	Finished Width	Finished Thickness																																		
Stiles	Redwood	2	2050	126	63	120	56																																		
Top Rail	Redwood	1	?	126	63	120	56																																		
Muntin	Redwood	1	800	126	63	120	56																																		
Middle, Bottom Rails	Redwood	2	800	201	63	195	56																																		
<p><b>Mark Scheme</b></p>	<p>a) 2050. b) 800. c) 126. d) 195.</p>																																								
<p><b>AO</b></p>	<p>AO2</p>																																								
<p><b>Qual spec reference</b></p>	<p>217 1.3.1</p>																																								

<b>Q29</b>	What is the jig shown in Figure 9 used for? <span style="float: right;">(1 mark)</span>
 <p>Figure 9 Published anonymously – <a href="http://www.axminstertools.com">www.axminstertools.com</a></p>	
<b>Mark Scheme</b>	a) Trenching stair strings. b) Cutting stair wedges. c) Forming worktop apertures. d) Tenoning handrail joints.
<b>AO</b>	AO1a
<b>Qual spec reference</b>	217 1.4.1

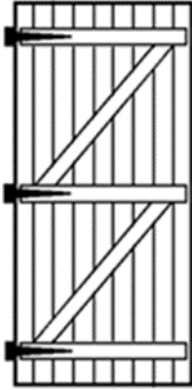
<b>Q30</b>	Which plane is used to form a profile? <span style="float: right;">(1 mark)</span>
<b>Mark Scheme</b>	a) Block. b) Jack. c) Smoothing. d) Rebate.
<b>AO</b>	AO1a
<b>Qual spec reference</b>	217 1.5.1

<b>Q31</b>	Which screwdriver is used to insert these screws shown in Figure 10? (1 mark) <div style="text-align: center;">  <p>Figure 10 Published anonymously – Bing images</p> </div>
<b>Mark Scheme</b>	a) Torx Screwdriver. b) Philips Screwdriver. c) Hex Screwdriver. d) Pozidriv Screwdriver.
<b>AO</b>	AO1a
<b>Qual spec reference</b>	218 1.1.1

<b>Q32</b>	A newel is to be fitted to a string. The joint is to be draw-bored. The newel holes have already been drilled. Which direction will you move the hole drilled into the string to ensure the joint tightens up? (1 mark)
<b>Mark Scheme</b>	a) Move the hole away from the shoulder. b) Move the hole towards the shoulder. c) Move the hole downwards. d) Move the hole upwards.
<b>AO</b>	AO2
<b>Qual spec reference</b>	218 1.2.1

<b>Q33</b>	Which adhesive is <b>not</b> suitable as an external grade glue?	(1 mark)
<b>Mark Scheme</b>	a) Polyvinyl acetate (PVA). b) Polyurethane (PU). c) Formaldehyde resin. d) Contact adhesive.	
<b>AO</b>	AO1a	
<b>Qual spec reference</b>	218 1.3.1	

<b>Q34</b>	What are the standard dimensions of a full sheet of MDF?	(1 mark)
<b>Mark Scheme</b>	a) 610 mm x 1200 mm. b) 610 mm x 2440 mm. c) 1220 mm x 1220 mm. d) 1220 x 2440 mm.	
<b>AO</b>	AO1a	
<b>Qual spec reference</b>	210 1.2.1	

<b>Q35</b>	What type of door is shown in Figure 11?	(1 mark)
		
Figure 11 C Fearn		
<b>Mark Scheme</b>	a) Flat grooved in panel. b) Ledged and braced. c) Frame ledged and braced. d) Flat rebated in panel.	
<b>AO</b>	AO1a	
<b>Qual spec reference</b>	215 1.3.1	

### 3 7255-252 Multiple choice answer sheet

Candidate Name:

Date of Test: Click or tap to enter a date.

1	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
2	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
3	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
4	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
5	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
6	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
7	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
8	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
9	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
10	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
11	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
12	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
13	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
14	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
15	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
16	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
17	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
18	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
19	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
20	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
21	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
22	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
23	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>

24	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
25	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
26	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
27	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
28	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
29	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
30	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
31	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
32	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
33	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
34	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
35	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
<b>Number of correct answers:</b>		<b>/ 35</b>		

## 4 7255-252 Mark scheme

### Grading

Pass – 60%

Fail – 59%

Question Number	Key	Question Number	Key
1	c	19	b
2	c	20	d
3	a	21	c
4	d	22	a
5	a	23	c
6	a	24	a
7	c	25	b
8	d	26	c
9	d	27	c
10	b	28	b
11	b	29	a
12	a	30	d
13	a	31	a
14	c	32	b
15	c	33	d
16	b	34	d
17	d	35	b
18	a		