



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

**Version 1.0 (July 2025)**

**Sample MCQ (7255-251)**

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

Version and date	Change detail	Section
V1.0 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, answer sheet and mark scheme for MCQ 251 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 evolve online system. Please refer to the qualification handbook for details on how to book and administer live tests.

## 2 7255-251 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 answer sheets.

**Learners should read the following notes before they answer any questions.**

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

**This paper contains 35 MCQs 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

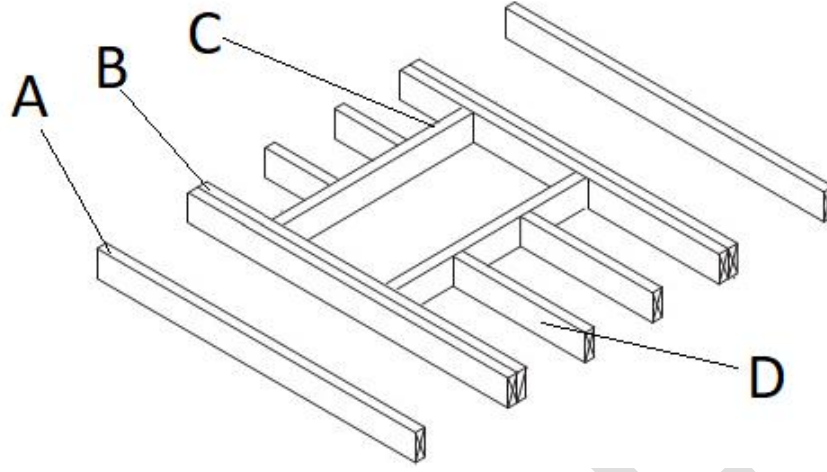
If you change your answer, cancel your first choice by filling in the box then put a cross in the answer which you have now decided is correct, like this:

1 a  b  c  d

<b>Q1</b>	Which timber is a softwood?	(1 mark)
<b>Mark Scheme</b>	a) Ash. b) Beech. c) Redwood. d) Mahogany.	
<b>AO</b>	AO1a	
<b>Qual spec reference</b>	210 1.1.1	

<b>Q2</b>	Which of the timbers listed has a pronounced 'figure' when quarter sawn?	(1 mark)
<b>Mark Scheme</b>	a) Whitewood. b) Redwood. c) Oak. d) Beech.	
<b>AO</b>	AO1b	
<b>Qual spec reference</b>	210 2.1.1	


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

<b>Q4</b>	Identify the trimmer joist in Figure 2. (1 mark)	
 <p data-bbox="622 739 1133 817">Figure 2 Published anonymously – iccsafe.org</p>		
<b>Mark Scheme</b>	a) A. b) B. c) C. d) D.	
<b>AO</b>	AO1b	
<b>Qual spec reference</b>	211 1.1.1	

<b>Q5</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>Q6</b>	Which is the <b>most</b> suitable material for decking a flat roof? (1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Orientated strand board (OSB).</li> <li>b) Medium density fibreboard (MDF).</li> <li>c) Chipboard.</li> <li>d) Hardboard.</li> </ul>
<b>AO</b>	AO1b
<b>Qual spec reference</b>	211 1.5

<b>Q7</b>	What is the <b>recommended</b> tool to use to mark an accurate line for trimming along the length of several fixed boards on a flat roof 600mm from the edge? (1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Spirit level.</li> <li>b) Outstretched tape measure.</li> <li>c) Chalk line.</li> <li>d) Square and pencil.</li> </ul>
<b>AO</b>	AO1b
<b>Qual spec reference</b>	211 1.7


<b>Q8</b>	Which timber defect is shown in Figure 3? <span style="float: right;">(1 mark)</span>  <div style="text-align: center;"> Figure 3 Published anonymously</div>
<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>Q9</b>	What do roof trusses sit on when fixed into position? <span style="float: right;">(1 mark)</span>
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) The hanger.</li> <li>b) The hip rafter.</li> <li>c) The ridge board.</li> <li>d) The wall plate.</li> </ul>
<b>AO</b>	AO1b
<b>Qual spec reference</b>	211 2.1.2

<b>Q10</b>	Place the roof erection sequence in the correct order following setting out: 1. Temporary Brace 2. Fix wind bracing as per drawing 3. Position first truss 4. Position all trusses using staff for top spacings  (1 mark)
<b>Mark Scheme</b>	a) 1,3,4,2. b) 3,1,4,2. c) 1,3,2,4. d) 3,1,2,4.
<b>AO</b>	AO2
<b>Qual spec reference</b>	211 2.3.1

<b>Q11</b>	Which eaves finish has no projection?  (1 mark)
<b>Mark Scheme</b>	a) Sprocket. b) Open. c) Closed. d) Flush.
<b>AO</b>	AO1b
<b>Qual spec reference</b>	211 2.5.1

<b>Q12</b>	How are floorboards fixed when 'secret nailed'?	(1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) From below through brackets.</li> <li>b) Through the face with pellets.</li> <li>c) Through the tongue.</li> <li>d) Through the groove.</li> </ul>	
<b>AO</b>	AO1b	
<b>Qual spec reference</b>	212 1.1.1	

<b>Q13</b>	<p>What type of nail is shown in Figure 4?</p>  <p style="text-align: center;">Figure 4 Published anonymously – Manomano.co.uk</p>	(1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Ring shank.</li> <li>b) Brad.</li> <li>c) Clout.</li> <li>d) Lost head.</li> </ul>	
<b>AO</b>	AO1a	
<b>Qual spec reference</b>	212 1.1.2	

<b>Q14</b>	Which partition wall component is vertical? (1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Noggin.</li> <li>b) Head.</li> <li>c) Sole.</li> <li>d) Stud.</li> </ul>
<b>AO</b>	AO1b
<b>Qual spec reference</b>	212 2.1.2

<b>Q15</b>	What is the <b>minimum</b> number of studs required to form a corner in a partition to enable plaster boarding on both sides later? (1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) 2</li> <li>b) 3</li> <li>c) 4</li> <li>d) 5</li> </ul>
<b>AO</b>	AO1b
<b>Qual spec reference</b>	212 2.3.2

<b>Q16</b>	A very heavy extendable bracket for a TV is to be fixed to a hollow partition, and it is not positioned so it can be fixed directly to the studwork. The wall has not yet been plaster boarded.  What is the <b>most</b> suitable action to take to ensure a good fixing? (1 mark)
<b>Mark Scheme</b>	a) Finish the wall with a single skin of plasterboard and use expanding bolts.  b) Attach a plywood panel between the studs in position prior to plasterboarding.  c) Fix double plasterboard the wall and use toggle fixings.  d) Fill the cavity with expanding foam following plasterboarding and use plugs and screws.
<b>AO</b>	AO2
<b>Qual spec reference</b>	212 2.4.1

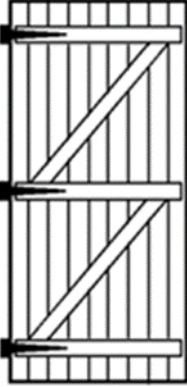
<b>Q17</b>	What specific feature does vapour check plasterboard have? (1 mark)
<b>Mark Scheme</b>	a) A foil layer.  b) A blue core.  c) A green paper face.  d) A layer of fibreglass.
<b>AO</b>	AO1b
<b>Qual spec reference</b>	212 2.5.1

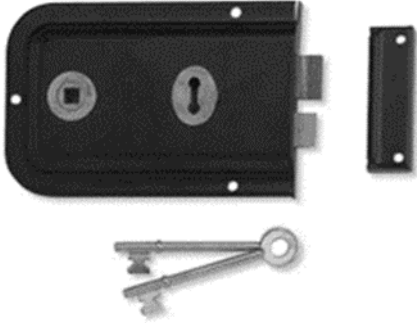
<b>Q18</b>	Which type of door lining <b>always</b> has a glass panel above the door?	(1 mark)
<b>Mark Scheme</b>	a) Storey height. b) Double. c) Hatch. d) Fire resistant.	
<b>AO</b>	AO1b	
<b>Qual spec reference</b>	212 3.1.2	

<b>Q19</b>	What type of window has sashes that are rebated over the frame?	(1 mark)
<b>Mark Scheme</b>	a) Traditional casement. b) Box frame. c) Direct glazed. d) High performance.	
<b>AO</b>	AO1b	
<b>Qual spec reference</b>	212 3.1.4	

<b>Q20</b>	Why are staircases wedged together rather than just screwed?	(1 mark)
<b>Mark Scheme</b>	a) Wedges are quicker to use than screws. b) Wedges push the treads tight to the string housings. c) Screws are brittle and the heads easily snap off. d) Screws are expensive and wedges are much cheaper.	
<b>AO</b>	AO1b	
<b>Qual spec reference</b>	212 4.3.2	

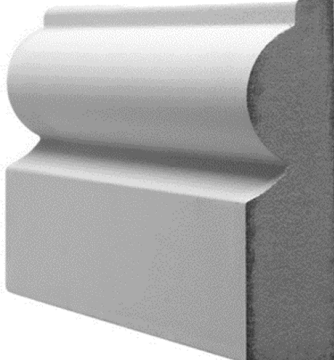
<b>Q21</b>	What is the <b>minimum</b> rise of a tread on a private staircase to comply with building regulations? (1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) 150 mm.</li> <li>b) 220 mm.</li> <li>c) 250 mm.</li> <li>d) 300 mm.</li> </ul>
<b>AO</b>	AO1b
<b>Qual spec reference</b>	212 4.2.1

<b>Q22</b>	What type of door is shown in Figure 5? (1 mark) <div style="text-align: center;">  <p>Figure 5</p> </div>
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Flat grooved in panel.</li> <li>b) Ledged and braced.</li> <li>c) Frame ledged and braced.</li> <li>d) Flat rebated in panel.</li> </ul>
<b>AO</b>	AO1b
<b>Qual spec reference</b>	213 1.1.1

<b>Q23</b>	What type of lock is shown in Figure 6? (1 mark) <div style="text-align: center;">  <p>Figure 6 Published anonymously – arcion.com</p> </div>
<b>Mark Scheme</b>	a) Rim. b) Mortice. c) Euro. d) Dead.
<b>AO</b>	AO1b
<b>Qual spec reference</b>	213 1.2.1

<b>Q24</b>	What does the term 'spindle height' refer to? (1 mark)
<b>Mark Scheme</b>	a) Position of the middle hinge. b) Position of door handle. c) Position of barrel bolt. d) Position of the escutcheon.
<b>AO</b>	AO1b
<b>Qual spec reference</b>	213 1.2.2 (1.2.1)

<b>Q25</b>	Which moulding runs horizontally around a room at approximately one metre height above floor level about waist height? (1 mark)
<b>Mark Scheme</b>	a) Freize rail. b) Dado rail. c) Architrave. d) Skirting.
<b>AO</b>	AO1a
<b>Qual spec reference</b>	213 2.1.1

<b>Q26</b>	What is the profile shown in Figure 7? (1 mark)
	 <p>Figure 7 Published anonymously – Howdens.com</p>
<b>Mark Scheme</b>	a) Ovolo. b) Ogee. c) Torus. d) Scotia.
<b>AO</b>	AO1a
<b>Qual spec reference</b>	213 2.2.1

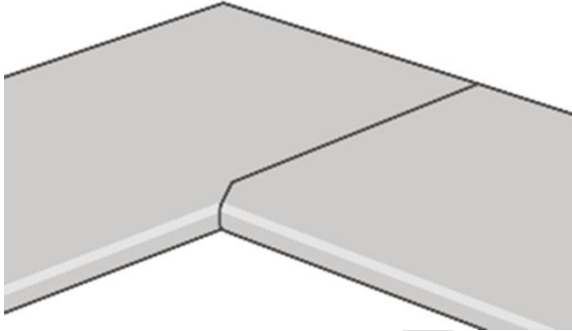
<b>Q27</b>	Which type of plane would be <b>most</b> suitable to adjust a mitre on architrave? (1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Smoothing.</li> <li>b) Block.</li> <li>c) Jack.</li> <li>d) Rebate.</li> </ul>
<b>AO</b>	AO1b
<b>Qual spec reference</b>	213 2.3.1

<b>Q28</b>	What is the recommended method to joint lengths of skirting in an internal corner? (1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Mitre.</li> <li>b) Scribe</li> <li>c) Plinth block.</li> <li>d) Corner block.</li> </ul>
<b>AO</b>	AO1a
<b>Qual spec reference</b>	213 2.4.1

<b>Q29</b>	Which boxing cladding material is <b>most</b> suitable in a high humidity area? (1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Hardboard.</li> <li>b) Matchboarding.</li> <li>c) Plasterboard.</li> <li>d) Plastic.</li> </ul>
<b>AO</b>	AO1b
<b>Qual spec reference</b>	213 3.2.1

<b>Q30</b>	What is used as the core for post-formed worktops? (1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) Chipboard.</li> <li>b) Hardwood.</li> <li>c) Plywood.</li> <li>d) Composite.</li> </ul>
<b>AO</b>	AO1a
<b>Qual spec reference</b>	213 4.1.3.

<b>Q31</b>	Why are the inside edges of apertures sealed on post-formed worktops? (1 mark)
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) To prevent the core from drying out.</li> <li>b) To assist in the fixing of appliances.</li> <li>c) To improve the appearance.</li> <li>d) To prevent moisture ingress.</li> </ul>
<b>AO</b>	AO1b
<b>Qual spec reference</b>	213 4.2.1

<b>Q32</b>	<p>Why is the female half of the corner kitchen worktop joint routed with the face uppermost, when cutting the joint shown in Figure 8? (1 mark)</p> <div style="text-align: center;">  <p>Figure 8 Published anonymously – Worktopexpress.co.uk</p> </div>
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) To prevent breakout to the edge.</li> <li>b) To avoid damage to the jig.</li> <li>c) To increase the life of the cutter.</li> <li>d) To facilitate dust extraction.</li> </ul>
<b>AO</b>	AO1b
<b>Qual spec reference</b>	213 4.2.1

<b>Q33</b>	<p>Which document specifically refers to use of woodworking machines? (1 mark)</p>
<b>Mark Scheme</b>	<ul style="list-style-type: none"> <li>a) ACOP.</li> <li>b) PUWER.</li> <li>c) HASAWA.</li> <li>d) COSHH.</li> </ul>
<b>AO</b>	AO1a
<b>Qual spec reference</b>	214 1.1.1

<b>Q34</b>	Within how many seconds <b>must</b> a circular saw come to a complete stop after hitting the stop button to comply with regulations? (1 mark)
<b>Mark Scheme</b>	a) 12 seconds. b) 10 seconds. c) 8 seconds. d) 6 seconds.
<b>AO</b>	AO1b
<b>Qual spec reference</b>	214 2.2.1

<b>Q35</b>	An operative has been asked to rip some timber down for width. What is the <b>correct</b> procedure to fit a new blade into a circular saw where the previous blade has already been removed? (1 mark)
<b>Mark Scheme</b>	a) Select negative hook blade, place into machine and tighten nut, set riving knife to 8mm from blade, replace crown guard. b) Select positive hook blade, place into machine and tighten nut, set riving knife to 8mm from blade, replace crown guard. c) Select positive hook blade, place into machine and tighten nut, set riving knife to 10mm from blade, replace bridge guard. d) Select negative hook blade, place into machine and tighten nut, set riving knife to 8mm from blade, replace bridge guard.
<b>AO</b>	AO2
<b>Qual spec reference</b>	214 2.3.1

### 3 7255-251 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:            / 35</b>				

## 4 7255-251 Mark scheme

### Grading

Pass – 60%

Fail – 59%

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