



City & Guilds Level 3 Technical Occupational Entry in Bricklaying (Diploma) (7255-53)

Version 1.0 January 2026

**Sample MCQ 7255-351
Sample paper, multiple choice answer sheet and mark
scheme**

Version and date	Change detail	Section
1.0 January 2026	Initial version	All

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SAMPLE

1 Introduction

Area	Description
What is in this document	This document contains the sample multiple-choice question (MCQ) test, answer sheet and mark scheme for MCQ 351 test.

Documents included:	<ul style="list-style-type: none">• Sample questions• Multiple-choice answer sheet• Mark scheme <p>Learners should be provided with the sample questions and the answer sheet.</p> <p>The mark scheme is to be used by training providers to mark the completed tests.</p>
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Note to centres: This sample paper-based version of the multiple-choice test is to support formative assessment activities.

For live versions of the multiple-choice test, these will 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 7255-351 MCQ (sample questions)

Test duration: 55 minutes

You should have the following for this test:

- A pen with black or blue ink
- MCQ answer sheets

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 MCQ 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

Q1	What measures are taken to prevent water ingress to floors when constructing a new build property?
Mark Scheme	<p>Answers</p> <p>a) Fixing cavity wall ties.</p> <p>b) Fixing insulating bats.</p> <p>c) Adding plasticiser to the mortar.</p> <p>d) Installation of damp-proof membrane.</p>
AO	AO1b
Qual spec reference	302 – 1.1.1a

Q2	What type of masonry defect should be considered if the faces of bricks start to crumble?
Mark Scheme	<p>Answers</p> <p>a) Banding.</p> <p>b) Spalling.</p> <p>c) Efflorescence.</p> <p>d) Lime-leeching.</p>
AO	AO1a
Qual spec reference	302 – 1.1.1a

Q3	What safety measures would be considered prior to starting a building project?
Mark Scheme	<p>Answers</p> <p>a) Labour costs and safe staffing levels.</p> <p>b) Time management and the delivery times.</p> <p>c) Fire prevention and the evacuation process.</p> <p>d) Sourcing of materials and storage of materials.</p>
AO	AO1a
Qual spec reference	302 – 1.1.1b

Q4	Correct positioning of wall ties in cavity walls is covered under which approved document of the building regulations?
Mark Scheme	<p>Answers</p> <p>a) Approved document A – structure.</p> <p>b) Approved document F – ventilation.</p> <p>c) Approved document L – fuel and power.</p> <p>d) Approved document E – passage of sound.</p>
AO	AO1b
Qual spec reference	302 – 1.1.1b

Q5	Layers of timber are stacked and glued together at right angles to form large panels. What method of structural construction is this?
Mark Scheme	<p>Answers</p> <p>a) Timber frame.</p> <p>b) Modular frame.</p> <p>c) Insulated concrete forms (ICF).</p> <p>d) Cross laminated timber frame.</p>
AO	AO1b
Qual spec reference	302 – 1.3.1a

Q6	What are the characteristics of a modern, commercial high-rise building?
Mark Scheme	<p>Answers</p> <p>a) Steel frames with corrugated sheets.</p> <p>b) Random stone walling with lime mortar.</p> <p>c) Steel framed buildings with glass panels.</p> <p>d) Timber-framed buildings with timber cladding.</p>
AO	AO1b
Qual spec reference	302 – 1.3.1b

Q7	What additional materials must be used when using insulated concrete forms (ICF)?
Mark Scheme	<p>Answers</p> <p>a) Insulation and wall ties.</p> <p>b) Concrete and vertical rebar.</p> <p>c) Expanded metal lath (EML) and insulation.</p> <p>d) Aggregate and EML.</p>
AO	AO1b
Qual spec reference	302 – 1.3.1c

Q8	What type of building works must always include the use of like-for-like materials?
Mark Scheme	<p>Answers</p> <p>a) Modern buildings.</p> <p>b) Heritage buildings.</p> <p>c) Traditional buildings.</p> <p>d) Commercial buildings.</p>
AO	AO1b
Qual spec reference	302 – 1.4.1a

Q9	When repairing a masonry wall on a heritage building, what type of mortar would most likely be used?
Mark Scheme	Answers a) Lime mortar. b) Cement mortar. c) Type O mortar. d) Earth-based mortar.
AO	AO1b
Qual spec reference	302 – 1.4.1b

Q10	Which document would include the dimensions for setting out a fireplace?
Mark Scheme	Answers a) Gantt charts. b) Risk assessment. c) Method statement. d) Working drawings.
AO	AO1a
Qual spec reference	302 – 1.5.1a

Q11	Which component is built into a fireplace opening to support the flue liners?
Mark Scheme	<p>Answers</p> <p>a) Fireback.</p> <p>b) Throat unit.</p> <p>c) Rough ringed arch.</p> <p>d) Superimposed hearth.</p>
AO	AO1b
Qual spec reference	302 – 1.5.1b

Q12	Which process comes first when constructing a fireplace?
Mark Scheme	<p>Answers</p> <p>a) Installation of fire back.</p> <p>b) Installation of flue liners.</p> <p>c) Installation of lead flashing.</p> <p>d) Installation of structural hearth.</p>
AO	AO1b
Qual spec reference	302 – 1.5.2a

Q13	What is the most suitable material for a stepped flashing when weatherproofing a chimney?
Mark Scheme	<p>Answers</p> <p>a) Lead sheets.</p> <p>b) Chimney pots.</p> <p>c) Mortar haunching.</p> <p>d) Damp-proof course.</p>
AO	AO1a
Qual spec reference	302 – 1.5.2b

Q14	Which component assists the exit of gases from a chimney?
Mark Scheme	<p>Answers</p> <p>a) Cowl.</p> <p>b) Flashing.</p> <p>c) Corbelling.</p> <p>d) Flaunching.</p>
AO	AO1a
Qual spec reference	302 – 1.6.1e

Q15	What is the function of a superimposed hearth?
Mark Scheme	<p>Answers</p> <p>a) To direct gases away from fireplace.</p> <p>b) A decorative feature to contain fire within structure.</p> <p>c) A connection between fireplace opening and the flue.</p> <p>d) Used to fill gaps between fireplace opening and fireback.</p>
AO	AO1b
Qual spec reference	302 – 1.6.1a

Q16	What is the most suitable tool to be used to create a radius of 2.1 m?
Mark Scheme	<p>Answers</p> <p>a) Trammel.</p> <p>b) Straight edge.</p> <p>c) Site protractor.</p> <p>d) Square.</p>
AO	AO1b
Qual spec reference	302 – 2.1.1a

Q17	What precautions should be taken before using a hammer drill?
Mark Scheme	<p>Answers</p> <p>a) Ensure that it is 240V.</p> <p>b) Ensure a guard is fitted.</p> <p>c) Ensure all wood bits are available.</p> <p>d) Ensure it has a current portable appliance test.</p>
AO	AO1b
Qual spec reference	302 – 2.1.1b

Q18	An operative has been asked to use a power tool they have not used before. What action should be taken?
Mark Scheme	<p>Answers</p> <p>a) Carry out the work using the unfamiliar tools.</p> <p>b) Inform the manager but carry out the task anyway.</p> <p>c) Ignore the instruction and continue with the previous job.</p> <p>d) Inform the manager and request training on this power tool.</p>
AO	AO1b
Qual spec reference	302 – 2.1.1c

Q19	A worker identifies a fault with one of the tools that a company has provided. What action should be taken?
Mark Scheme	<p>Answers</p> <p>a) Report it to another worker and carry on with the job.</p> <p>b) Report it to the CEO of the company and leave it in storage.</p> <p>c) Report it to anyone who is in the site office and leave the tool there.</p> <p>d) Report it to the supervisor and do not use until it is fixed or replaced.</p>
AO	AO1a
Qual spec reference	302 – 2.1.1f

Q20	What calculation would you use to work out volumes?
Mark Scheme	<p>Answers</p> <p>a) Length x height.</p> <p>b) Length x height x width.</p> <p>c) Length x width x height ÷ 2.</p> <p>d) Length x height x 2.</p>
AO	AO1b
Qual spec reference	303 – 1.1.1a

Q21	A half-brick thick wall is being built to the measurements of 6 m long by 2.5 m high. When ordering the bricks, 10% wastage should be considered. How many bricks should be ordered?
Mark Scheme	Answers a) 945 bricks. b) 990 bricks. c) 1035 bricks. d) 1080 bricks.
AO	AO1b
Qual spec reference	303 – 1.1.1a

Q22	What type of document is used for managers to check how up-to-date an activity is?
Mark Scheme	Answers a) Staff rota. b) Stock take. c) Gantt chart. d) Work schedule.
AO	AO1a
Qual spec reference	303 – 2.1.1a

Q23	Some new cement is delivered onto site. A worker starts to use the new cement before finishing the old cement. What is the consequence of this?
Mark Scheme	<p>Answers</p> <p>a) Old cement may go out of date or deteriorate if not used first.</p> <p>b) New cement may be a different quality and colour to the old cement.</p> <p>c) Old cement may become damaged when new cement is stored on top.</p> <p>d) Cement levels cannot be checked if there is new and old cement on site.</p>
AO	AO1b
Qual spec reference	303 – 2.1.1f

Q24	A site manager is conducting a walk around of the site during the build process. What is the most likely reason for this?
Mark Scheme	<p>Answers</p> <p>a) To conduct a risk assessment.</p> <p>b) To carry out quality assurance of the build.</p> <p>c) To ensure everyone is getting on with their job.</p> <p>d) To check work progress against predicted timings.</p>
AO	AO1b
Qual spec reference	303 – 2.2.1b

Q25	A person arrives on site stating they are the local authority building inspector. What is the first thing that should be done?
Mark Scheme	<p>Answers</p> <p>a) Check their ID and introduce them to the site manager.</p> <p>b) Show them all the financial planning and documentation.</p> <p>c) Give them a tour of the site and introduce them to the workers.</p> <p>d) Show them all the blueprints and work schedules for the project.</p>
AO	AO1b
Qual spec reference	303 – 2.2.1b

Q26	Which documents are most likely to inform a worker on how to work safely?
Mark Scheme	<p>Answers</p> <p>a) Gantt charts and work schedules.</p> <p>b) Work sheets and training records.</p> <p>c) Risk assessments and method statements.</p> <p>d) Instruction manuals and planning documents.</p>
AO	AO1a
Qual spec reference	303 – 3.1.1a

Q27	What documents would be given to a client to show the confirmation of work completed?
Mark Scheme	<p>Answers</p> <p>a) Work sheets.</p> <p>b) Quality records.</p> <p>c) Handover documents.</p> <p>d) Damage and incident reports.</p>
AO	AO1a
Qual spec reference	303 – 3.1.1a

Q28	An incident has occurred on site, and a worker goes to the supervisor to report it. What is the most important reason for the supervisor to gather as many details as possible about the incident?
Mark Scheme	<p>Answers</p> <p>a) The supervisor wasn't there so doesn't know what happened.</p> <p>b) To ensure no one was hurt that might want to sue the company.</p> <p>c) So that the supervisor does not need to visit the location of the incident.</p> <p>d) Wrong information could be costly to the project in terms of materials or compensation.</p>
AO	AO1b
Qual spec reference	303 – 3.1.2a

Q29	What two types of information would you expect to find on a working drawing?
Mark Scheme	<p>Answers</p> <ul style="list-style-type: none"> a) Building elements and scales. b) Delivery dates and material lists. c) Bill of quantities and material costs. d) Gantt charts and schedules of works.
AO	AO1a
Qual spec reference	303 – 3.2.1a

Q30	Which of the following is an advantage of using digital methods to produce construction drawings?
Mark Scheme	<p>Answers</p> <ul style="list-style-type: none"> a) Alterations to digital drawings can be made quicker. b) Manual drafting is easy to amend. c) Digital methods of drawing will require training. d) Digital methods could pose a loss of data or work.
AO	AO1b
Qual spec reference	303 – 3.2.2b

Q31	What are the disadvantages of digital methods of communication?
Mark Scheme	<p>Answers</p> <ul style="list-style-type: none"> a) Unsafe from office access security breaches. b) Anyone can access the equipment at any time. c) Can be affected by location and connectivity. d) Can be used in any weather conditions inside or out.
AO	AO1a
Qual spec reference	303 – 3.2.2d

Q32	What would be used to increase lateral stability of a cavity wall?
Mark Scheme	<p>Answers</p> <ul style="list-style-type: none"> a) Wind post. b) Helical bar. c) Bed joint reinforcement. d) Expanded metal lath (EML).
AO	AO1a
Qual spec reference	305 – 2.2.1a

Q33	What method would be used for a movement and expansion joint in lengths of brickwork walling?
Mark Scheme	Answers a) Vertical reinforcement. b) Bed joint reinforcement. c) Slip tie and sleeve joints. d) Tying cavity walls together.
AO	AO1a
Qual spec reference	305 – 2.2.1c

Q34	What are helical bars used for in brickwork?
Mark Scheme	Answers a) Repairing and stitching cracks in a building. b) Supporting and transferring the weight of masonry. c) Spreading the weight of the masonry in upper floors. d) Improving the compressive strength of the masonry.
AO	AO1a
Qual spec reference	305 – 2.2.1b

Q35	A piece of feature brickwork has naturally occurring straight joints. What is the most suitable method of reinforcement?
Mark Scheme	<p>Answers</p> <p>a) Use of wind posts.</p> <p>b) Use of bed joints.</p> <p>c) Use of helical bars.</p> <p>d) Use of slip ties and sleeves.</p>
AO	AO1b
Qual spec reference	305 – 2.2.1b

3 7255-351 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"/>
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9	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
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12	a <input type="checkbox"/>	b <input type="checkbox"/>	c <input type="checkbox"/>	d <input type="checkbox"/>
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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"/>
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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"/>
Number of correct answers:		/ 35		

4 7255-351 Mark scheme

Grading

Pass: 22–35 marks

Fail: 0–21 marks

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