



7905-501 JUNE 2017

Level 3 Advanced Technical Diploma in Bricklaying (450)

Level 3 Bricklaying – Theory exam

If provided, stick your candidate barcode label here.

Friday 23 June 2017
09:00 – 11:15

Candidate name (first, last)

First

Grid for first name

Last

Grid for last name

Candidate enrolment number

Grid for enrolment number

Date of birth (DDMMYYYY)

Grid for date of birth

Gender (M/F)

Grid for gender

Assessment date (DDMMYYYY)

Grid for assessment date

Centre number

Grid for centre number

Candidate signature and declaration*

Signature and declaration box

If any additional answer sheets are used, enter the additional number of pages in this box. →

- Please ensure that you staple additional answer sheets to the back of this answer booklet, clearly labelling them with your full name, enrolment number, centre number and qualification number in BLOCK CAPITALS.
- All candidates need to use a black blue pen. Do not use a pencil or gel pen.
- If provided with source documents, these documents will not be returned to City & Guilds, and will be shredded. Do not write on the 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 scientific calculator
- a pen with blue or black ink

General instructions

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

- This examination contains 21 questions. Answer all questions.
- Section A – consists of 10 multiple choice questions, each carrying 1 mark.
o Indicate your response (a, b, c or d) in the space provided.
- Section B – consists of 11 structured/short answer questions.
o Answer the questions in the space provided.
o The marks for each question are shown in brackets.

See the latest qualification handbook for the 2018 exams have changed. The content sampled will vary from this paper. The updated test specification.

Section A

- 1 Which insulation is **most** suitable for use under a solid floor?
- a) Sheep's wool.
 - b) Glass fibre.
 - c) Polyisocyanurate.
 - d) Mineral wool.

Response: _____

- 2 Who would be involved in preparing an open tender?
- a) Estimator.
 - b) Site Manager.
 - c) Quality Controller.
 - d) Building Surveyor.

Response: _____

- 3 When programming the construction of a timber framed dwelling, what activity is **not** on the critical path?
- a) Roof.
 - b) Brickwork.
 - c) Foundation.
 - d) Timber frame.

Response: _____

- 4 Which software considers the building design, construction and management through the whole life cycle of the building?
- a) Manual Drafting.
 - b) Computer Aided Design.
 - c) Building Information Modelling.
 - d) Building Management System.

Response: _____

- 5 What should be considered when working with cutting discs?
- a) Don't use them to cut on scaffolding.
 - b) Only electric tools require testing.
 - c) Visual checks should be made before use.
 - d) Once used they should be discarded.

Response: _____

- 6 Which item of equipment should be used to set out a wall curved on plan?
- a) Sliding bevel.
 - b) Trammel.
 - c) Turning piece
 - d) Square.

Response: _____



- 7 What name is given to a wall that is built at an inclined angle and is often used to retain higher ground?
- a) Tapered.
 - b) Battered.
 - c) Tumbled in.
 - d) Skewed back.

Response: _____

- 8 What would a square be used for when building a 45° Herringbone panels?
- a) To mark all edge cuts.
 - b) To create the laying angle.
 - c) To help maintain 10 mm joints.
 - d) To maintain the 90° bond.

Response: _____

- 9 Which material would be **best** placed in the bed joints of blockwork to provide extra strength?
- a) Reinforced steel bar.
 - b) Expanded metal lath.
 - c) Stainless steel wall ties.
 - d) Wall starter systems.

Response: _____

- 10 What is the **main** purpose of an oversailing course on a chimney stack?
- a) To help shed water away from the stack.
 - b) It will provide extra strength to hold the chimney pot.
 - c) It is only there as a decorative feature.
 - d) To increase draw of fumes up the chimney.

Response: _____

Past Paper



19 Give the **two main** reasons for flaunching the top of a chimney stack.

(2 marks)

20 Explain why flue liners should be laid with the socket uppermost.

(4 marks)

Past Paper

