



7908-501 MARCH 2019

Level 3 Advanced Technical Diploma in Plastering (450)

Level 3 Plastering – Theory exam (Solid)

If provided, stick your candidate barcode label here.

Friday 29 March 2019
09:30 – 12:00

Candidate name (first, last)

First

Last

Candidate enrolment number

Date of birth (DDMMYYYY)

Gender (M/F)

Assessment date (DDMMYYYY)

Centre number

Candidate signature and declaration*

- If additional answer sheets are used, enter the additional number of pages in this box.
- Before taking the examination, **all candidates** must check that their barcode label is in the appropriate box. Incorrectly placed barcodes may cause delays in the marking process.
- Please ensure that you staple additional answer sheets to the **back** of this answer booklet, clearly labelling these 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, unless otherwise instructed.
- 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 examination and that I will not divulge to any person any information about the questions.**

You should have the following for this examination

- 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 **28** questions. Answer **all** questions.
- **Section A** – consist of **10** multiple choice questions, each carrying **1** mark.
 - Indicate your response (a, b, c and d) in the space provided.
- **Section B** – consist of **18** structured/short answer questions.
 - Answer the questions in the space provided.
 - The marks for **each** question are shown in brackets.
- Cross through any work you do not want to be marked.



Section A

1 What approved part of the Building Regulations does soundproofing of party walls in domestic dwelling comply with? (1 mark)

- a) Part E.
- b) Part L.
- c) Part C.
- d) Part D.

Response: _____

2 Which type of insulation is **most** suitable between rafters in a loft conversion? (1 mark)

- a) Fibreglass.
- b) Polyisocyanurate.
- c) Vermiculite.
- d) Polystyrene.

Response: _____

3 What documentation is used to schedule labour and materials for a plastering contract? (1 mark)

- a) Programme of work.
- b) Method statement.
- c) Bill of quantities.
- d) Job sheet.

Response: _____

4 What circumstance would instigate a toolbox talk? (1 mark)

- a) Change in personal details.
- b) Re-directing site traffic.
- c) Change in local supplier.
- d) Re-scheduling labour.

Response: _____

5 What document is submitted to the building contractor when tendering for construction work? (1 mark)

- a) Labour schedules.
- b) Full drawings.
- c) Material specification.
- d) Bill of quantities.

Response: _____



- 6 What type of additive can increase the setting time of cement based backing plaster? (1 mark)
- a) Retarder.
 - b) Accelerator.
 - c) Plasticiser.
 - d) Waterproofer.

Response: _____

- 7 Which background surface would be considered unsuitable for the application of gypsum base coat plaster? (1 mark)
- a) Blockwork.
 - b) Brickwork.
 - c) Stone wall.
 - d) Concrete beam.

Response: _____

- 8 After applying the floating coat, which area **must** be cut back to allow for the application of finishing plaster? (1 mark)
- a) Service box.
 - b) Window boards.
 - c) Door linings.
 - d) Skirting board.

Response: _____

- 9 Which background is compatible with finishing plaster? (1 mark)
- a) Timber.
 - b) Blockwork.
 - c) Brickwork.
 - d) Plasterboard.

Response: _____

- 10 What plasterboard requires a sealing agent **prior** to applying finishing coat plasters? (1 mark)
- a) Vapour board.
 - b) Sound block.
 - c) Moisture resistant.
 - d) Fire line.

Response: _____



Section B

11 State **two** major construction projects a homeowner might undertake that will require building control approval before commencing. (2 marks)

12 Name **two** plastering materials that require COSHH assessment during manufacture. (2 marks)

13 Explain the purpose of a risk assessment. (2 marks)

14 Explain the importance of pre-planning construction work. (4 marks)

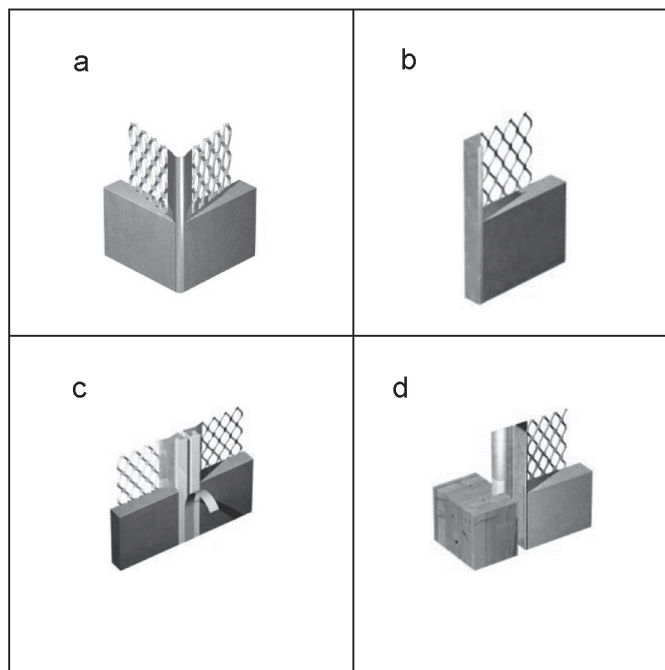
15 List **two** features of using Computer Aided Design (CAD) when designing and constructing a building. (2 marks)

16 List **three** common methods that are used on a construction site to ensure awareness of health and safety legislation amongst operatives. (3 marks)

17 a) Give an example of an environmentally friendly energy system. (1 mark)

b) Describe how installing the system mentioned in part a) can reduce a buildings energy consumption. (2 marks)

18 Describe where each type of bead in Figure 1 would need to be fixed within a building. (4 marks)



Source: www.condell-ltd.com

Figure 1

19 List **two** types of plastering materials used to reinforce a background that has a settled structural crack. (2 marks)

20 Describe how to set out and fix standard angle beads to two parallel beams in a room. (5 marks)

21 Explain why one coat plaster would be preferred for making good to solid walls. (2 marks)

22 List **two** types of traditionally formed hard angles that can be formed on openings and returns. (2 marks)

23 Describe how to set out and float out a small barrel ceiling on an EML background. (5 marks)

24 Describe **two** possible defects that could occur when applying backing plaster to different types of background without correct preparation. (4 marks)

25 Identify **two** solid wall surfaces that will require preparing with beads before the application of a floating coat. (2 marks)

26 Name **two** documents that are likely to contain information on the substances contained in gypsum pre-blended backing and finishing plaster. (2 marks)

27 List **two** benefits of using thistle bonding over traditional sand and cement when 'making good' electrical chases in a housing scheme renovation contract. (2 marks)
