

073206T4BLD

BUILDING TECHNOLOGY LEVEL 6

CON/OS/BUT/CR/07/6

Execute Building Finishes

March/April 2026



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

WRITTEN ASSESSMENT

TIME: 2 HOURS

INSTRUCTIONS TO CANDIDATE

1. This paper consists of **TWO** sections: **A** and **B**.
2. Answer **ALL** questions in section A and **ANY THREE** (3) questions in section B.
3. Marks for each question are indicated in the brackets.
4. Candidates are provided with a separate answer booklet
5. Do not write on the question paper.

This paper consists of THREE (3) printed pages

Candidate should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing.

SECTION A (40 MARKS)

Answer ALL questions in this section.

1. As a building technician in charge of supervising painting works, define the term efflorescence. (2 Marks)
2. Plastering is the application of a smooth coat of material to walls and ceiling. List THREE constituents of plaster. (3 Marks)
3. Your client has chosen large-format tiles for his wall. Identify FOUR tools used specifically for wall tiling. (4 Marks)
4. The renovation of an old building requires replastering of the internal walls. Outline THREE reasons for hacking the background surface before plastering. (3 Marks)
5. The use of solvent-based paints presents specific during finishing works. State FOUR safety precautions to be observed when using solvent-based paints. (4 Marks)
6. A building technician is tasked with installing timber floor finish in a hostel. Identify FOUR types of jointing methods that can be used. (4 Marks)
7. Painting is a specialized trade in building finishes. Highlight THREE ways of protecting painted surfaces until they are fully cured. (3 Marks)
8. As a mason, you are tasked to carry out cement-sand screeding floor finish to a kitchen. Identify FOUR tools that will be required for that task. (4 Marks)
9. You are estimating the cost for a painting project. Identify FOUR factors that will determine the total consumption of paint required for the exterior walls of a building. (4 Marks)
10. John is supervising the final internal surface preparations for a luxury hotel. State TWO reasons for conducting wall mastering as a finishing technique. (2 Marks)
11. Cladding is the process of applying a layer of material over the exterior surface of a wall. Identify THREE types of materials used for cladding. (3 Marks)
12. As the building technician in charge of procuring wall facing for your project. List THREE items you will include in material schedule for wall facing. (3 Marks)

SECTION B (60 MARKS)

Answer any THREE questions in this section

13. An engineering firm has been contracted to carry out various finishes including jointing, pointing, wall lining and cladding in a proposed multi-story building. As the supervising technician:
- Explain FIVE differences between pointing and jointing to ensure the masonry team applies the correct technique for the external facade. (10 Marks)
 - Explain FIVE purposes of wall linings and claddings intended for the lobby and office spaces. (10 Marks)
14. As a building technician tasked with carrying out interior finishes, you must provide a technical brief detailing material selection for ceilings and quality control measures to prevent aesthetic failures in painted wall finishes.
- Discuss FIVE different types of ceiling materials and their suitability for different rooms. (10 Marks)
 - Discuss FIVE common defects in painted surfaces that must be avoided during the finishing process. (10 Marks)
15. A Building Technician is overseeing the installation of floor finishes for a high-traffic commercial complex.
- Discuss FIVE critical factors that influence the selection of floor finishing materials for this type of environment. (10 Marks)
 - Explain FIVE technical requirements that must be fulfilled when preparing a background to receive a terrazzo floor finish. (10 Marks)
16. A client has requested a specialized rough cast finish for their external walls.
- Discuss FIVE types of materials that can be mixed to create a durable rough cast. (10 Marks)
 - Describe FIVE characteristics of a well-prepared background for rough casting. (10 Marks)

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