

073206T4BLD

BUILDING TECHNOLOGY LEVEL 6

CON/OS/BUT /CR/07/6/A

Execute Building Finishes

March/April 2025



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

WRITTEN ASSESSMENT

INSTRUCTIONS TO CANDIDATE

1. This paper consists of **TWO** sections: **A** and **B**.
2. Attempt 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 FOUR (4) printed pages
Candidates should check the question paper to ascertain that all
pages are printed as indicated and that no questions are missing.

SECTION A (40 MARKS)

Attempt ALL the questions in this section.

1. Cladding serves both aesthetic and functional purposes, protecting the building from weather elements and improving its appearance. Give THREE types of cladding materials. (3 Marks)
2. The tools and equipment used for building finishes vary depending on the type of finish being applied. List FOUR tools or equipment used during wall plastering. (4 Marks)
3. We use skimming and plastering as techniques to finish wall surfaces in construction and provide a smooth and even finish. State the difference between skimming and plastering. (4 Marks)
4. Hardwood flooring is a timeless, elegant option that adds value, and long-lasting appeal to a house. Outline THREE factors to consider when installing hardwood flooring in a residential house. (3 Marks)
5. Curbing weathering is crucial to maintain the appearance and durability of a building. Name any FOUR ways to protect the external walls from weathering. (4 Marks)
6. A ceiling finish is an overhead interior surface finish that covers the upper part of a room. List any FOUR types
Terrazzo is polished to create a smooth, glossy surface, often used in high-traffic areas.
As a building technician give FOUR benefits of terrazzo floors. (4 Marks)
7. The choice of curtain walling system depends on various factors such as building height, budget, design preferences and performance requirements. Give any THREE types of curtain walling in construction as used in superstructure walling. (3 Marks)
8. A building technician has been tasked by a client to paint a residential building. Advice on FOUR personal protective equipment he/she need during spray painting exercise. (4 Marks)
9. Pointing and jointing are techniques used to ensure that bricks or stones are securely held together and the gaps between them are finished properly. State FOUR factors that affect the pointing and joining. (4 Marks)
10. Parquet flooring is considered one of the most stylish and timeless flooring options, known for its rich appearance and durability. State THREE advantages for using parquet blocks. (3 Marks)

SECTION B (60 MARKS)

Attempt Any THREE Questions in This Section.

11. ABC contractor has engaged you to undertake building finishes in his commercial project at the nearby town. Part of your duties is to plaster an external stone wall.
- a) Using THREE steps discuss the procedure of preparing the background before plastering a stone wall. (6 Marks)
 - b) Describe FOUR common defects in plastering. (8 Marks)
 - c) Explain THREE types of external finishes. (6 Marks)
12. Painting building surfaces requires thorough preparation, the right tools and the correct mixing and painting techniques to achieve a smooth and good finish.
- a) Discuss using THREE steps the general process of mixing paint. (6 Marks)
 - b) Describe any THREE ways of preparing a timber surface before application of paint. (6 Marks)
 - c) Explain FOUR common defects likely to be observed on a painted wall and propose their solution. (6 Marks)
13. Floor finishes can range from decorative coverings to protective layers designed and ~~therefore, the choice of floor~~ and aesthetic preferences.
- a) Explain any FIVE types of floor finishes. (10 Marks)
 - b) Discuss FIVE factors to consider when selecting type of floor finishes. (10 Marks)
14. A client constructing two-storey residential building has engaged you to advise and execute wall finishes for the building project.
- a) Client has settled for rough casting on the external walls. Describe SIX stages followed when applying rough cast. (12 Marks)
 - b) Discuss any FOUR walls finishes where mastered walls can be used. (8 Marks)