

073204T4MSN

MASON LEVEL 4

CON/OS/MA/CR/03/4/A

FINISH MASONRY WORKS

July/August 2024



**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** the question as guided in each section
3. Marks for each question are indicated in the brackets.
4. You are provided with a separate answer booklet to answer the questions.
5. Do not write on the question paper.

This paper consists of FOUR (4) 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: (10 MARKS)

Attempt all questions in this section. Each question carries one mark.

1. Identify the function of mortar in face masonry walls.
 - A. To weaken the structure
 - B. To add decorative elements
 - C. To bond the masonry units together
 - D. To provide insulation
2. _____ is material commonly used for floor screed.
 - A. Concrete
 - B. Glass
 - C. Fabric
 - D. Paper
3. Mortar mix consists of which primary ingredients?
 - A. Glass, steel, and wood
 - B. Plastic, fabric, and paper
 - C. Cement, sand, and water
 - D. Rocks, soil, and clay.
4. The process of making the back ground rough before plastering is known as?
 - A. Dubbing
 - B. Peeling
 - C. Blistering
 - D. Hacking.
5. Select the other meaning of rough cast finish.
 - A. Pebble dash finish
 - B. Dry dash finish
 - C. Wet dash finish
 - D. Spatter dash finish
6. A wall may be defined as that component of a building, whose width is _____ times its thickness.
 - A. Two
 - B. Four

- C. Eight
 - D. Sixteen
7. Name the finishing of mortar joints of either stone masonry or brick masonry.
- A. Plastering.
 - B. Guniting
 - C. Pointing
 - D. Grouting.
8. Tiling is a popular floor finish choice in construction. State the primary advantage of tiling floor finish.
- A. Enhanced structural support
 - B. Increased flexibility
 - C. Ease of maintenance
 - D. Decreased durability
9. Identify the factor that contributes to the aesthetic appeal of face masonry walls.
- A. Uniformity in color
 - B. Random placement of materials
 - C. Irregular shapes
 - D. Lack of texture
10. The following are steps involved in the pointing process, except?
- A. Mixing
 - B. Hacking
 - C. Concreting
 - D. Placing of wet mortar

SECTION B: (40 MARKS)

*Answer **all** the questions in this section.*

11. John a tenant requests his landlord to apply rough cast to his external walls. Outline the procedure of applying it. (4 marks)
12. Terrazzo is highly recommended type of floor finish for commercial buildings. Give any four factors that would influence the decision to use terrazzo floor finish in a school. (4 marks)
13. A building block has been constructed by machine cut stones on external walls. Elaborate four ways of curbing weathering of these external walls. (4 marks)
14. Given a task to conduct plastering in a new building. Outline six PPEs needed during the execution process. (6 marks)
15. You are the building expert, name any three external finishes done to a masonry wall. (3 marks)
16. Contractors prefer the use of machines to hand tools in finishing works. Highlight four advantages of machines in finishing works over the hand tools. (4 marks)
17. You are to carry out terrazzo floor construction, briefly discuss four functions of dividing strips. (4 marks)
18. What is your understanding of the difference between plastering and rendering. (4 marks)
19. A client recommended for jointing and pointing finishes on his perimeter wall. List any two purposes of jointing and pointing walls. (2 marks)
20. A construction company wants to select a plaster finish for the proposed project. Outline five factors to be considered in the selection. (5 marks)

THIS IS THE LAST PRINTED PAGE.