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073204T4MSN**MASONRY LEVEL 4****CON/OS/MA/CR /0 2 / 4****Construct Building Superstructures****July/August 2025**Printed By: Technical And Vocational College Date: 25.07.2025
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Technical And Vocational College Date: 25.07.2025

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

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Time: 2 HOURS**INSTRUCTIONS TO CANDIDATE**

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1. This paper consists of two sections; **A** and **B** Date: 25.07.2025 10:53 AM2. Answer **ALL** the question as guided in each section

3. Marked in the back

4. You are provided with a separate answer booklet to answer the questions

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5. Do not write in this question paper

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This paper consists of FOUR (4) printed pages

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

SECTION A (10 MARKS)

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

1. Which type of wall is constructed space within a building?

A. Partition wall

B. Cavity wall

C. Party wall

D. Curtain wall

2. _____ is a masonry tool used to apply and smoothen mortar.

A. Chisel

B. Plumb bob

C. Trowel

D. Dumper

3. The following are types of working drawing except.

A. Architectural drawings

B. Decorative drawings

C. Structural drawings

D. Mechanical drawings

4. What is the correct ratio used when making mortar for jointing?

A. 1:3

B. 1:1.5

C. 1:8

5. _____ is not a type of opening in a building.

A. Window

B. Door

C. Ventilation

D. Window sill

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6. The following are diameters of reinforcement bars except?

A. D8

B. D10

C.

D. D16

7. Which is a constituent of concrete?

A. B

B. Timber.

C. Iron sheet

D. Brick

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8. _____ is an increasing scale.

A. 1:50

B. 10:1

C. 1.1

D. 1:20

9. _____ component of material schedules.

A. Material scale

B. Local market.

C. Organizing plan

D. Unit Price

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10. A profile board is a timber framework _____

A. Which is placed at the inner part of a building

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Date: 25.07.2025 10:53 AM B. Which is placed at the comers of a building

C. Which is measured direct proportion to the

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D. Which is inserted to check verticality of the building

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SECTION B: (40 MARKS)

Answer ALL questions in this section.

11. Define the term site prelim as used in construction. (2 Marks)
12. Give THREE materials used to cover concrete for effective curing. (3 Marks)
13. List FOUR qualities of good damp proofing materials. (4 Marks)
14. State FOUR tools that are commonly used during setting out of a rectangular building. (4 Marks)
15. List THREE personal protective equipment needed in a construction site. (3 Marks)
16. With the aid of a sketch name TWO parts of a column. (4 Marks)
17. List FOUR functions of external superstructure walls. (4 Marks)
18. Differentiate between damp proof course and damp-proof membrane. (4 Marks)
19. Name THREE components of a solid ground floor that provide structural strength to the floor. (3 Marks)
20. List TWO functions of reinforcement bars in construction. (2 Marks)
21. Give THREE advantages of using timber formwork over steel formwork. (3 Marks)
22. State FOUR factors to consider when estimating and costing building materials. (4 Marks)