

Printed By: And Vocational College

Date: 21.11.2025 11:05 AM

073105T4PLM

PLUMBING LEVEL 5

CON/OS/PL/CR/~~P~~ 0.6 / 5 Printed By: Technical And Vocational College

Maintain plumbing systems

November/ December 2025

Printed By: And Vocational College Date: 21.11.2025 11:05 AM



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

WRITTEN ASSESSMENT

3 HOURS

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INSTRUCTIONS TO CANDIDATE

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

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AM

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This paper consists of THREE (3) printed pages.

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

SECTION A: (40 Marks)

Attempt ALL questions in the booklet provided

1. Plumbing faults Printed By: And Vocational College Date: 21.11.2025 11:05 AM **Identify FOUR common signs that indicate potential plumbing system faults. (4 Marks)**
2. During maintenance you are expected to identify the causes of the plumbing faults.
Outline FOUR causes of plumbing faults. Printed By: And Vocational College Date: 21.11.2025 11:05 AM **(4 Marks)**
3. Printed By: And Vocational College Date: 21.11.2025 11:05 AM **Plumbing faults cause the malfunctioning of the system. Give FOUR preventive measures to be taken to mitigate this. (4 Marks)**
4. Printed By: And Vocational College Date: 21.11.2025 11:05 AM **Quantifying the scope of repairs needed for the system is quite essential. State FOUR reasons why this is necessary. (4 Marks)**
5. Estimate cost helps one to come up with the exact cost of the repairs to be done. However, these costs may vary. Outline FOUR reasons that may influence this. Printed By: And Vocational College Date: 21.11.2025 11:05 AM **(4 Marks)**
6. You have been called by a client complaining that her cistern is not working. List FOUR tools that you must carry with you for the repair. Printed By: And Vocational College Date: 21.11.2025 11:05 AM **(4 Marks)**
7. Printed By: And Vocational College Date: 21.11.2025 11:05 AM **Improper waste disposal is one of the leading causes of clogged drains and damaged plumbing systems in residential home. State FOUR ways how proper waste disposal can prevent plumbing blockages. (4Marks)**
8. Printed By: And Vocational College Date: 21.11.2025 11:05 AM **During plumbing maintenance works, GI pipes ended. Give FOUR disadvantages of such pipes. (4Marks)**
9. Water seal is the water that is trapped in the toilet after flushing. Give TWO Printed By: And Vocational College Date: 21.11.2025 11:05 AM **purposes of this water seal. (2 Marks)**
10. A client called you complaining that she is says in the building. Printed By: And Vocational College Date: 21.11.2025 11:05 AM **Identify FOUR areas to investigate. (4 Marks)**

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SECTION B: (60 Marks)

Attempt THREE questions in this section.

11. You are a caretaker responsible for seeing a commercial building a burst pipe in the building has occurred and you are required to make critical decisions to minimize damage.

a. Outline TEN immediate steps you would take to repair the burst pipe.

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(10 marks)

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b. Discuss FIVE potential risks associated with the burst of the pipe on the building's infrastructure.

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12. Plumbing test is highly recommended after an immediate repair on a plumbing system.

a. Explain FIVE importance of regular testing in maintaining optimal system performance.

(10 Marks)

b. Explain any FIVE tests done.

(10 Marks)

13. A tenant in your own building has been complaining of faulty plumbing system in his house.

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a. Briefly explain FIVE reasons why a notice should be issued before commencement of repair works.

(10 Marks)

b. Explain FIVE reasons that may suggest blockage in the sewer line.

(10 Marks)

14. You have been tasked to install a Water Closet.

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a. stalling the water Closet

(8 Marks)

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b. Explain SIX housekeeping activities to follow when installing the Water Closet

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(12 Marks)

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