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073204T4PLM**PLUMBING LEVEL 4****CON/OS/PL/CR/ 0 6 / 4**

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Maintain Plumbing System**July/August 2025**

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**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**
2. Answer **ALL** the question in section **A** and **B**
3. Marks for each question are as indicated in the brackets
4. You are provided with a separate answer booklet for questions
5. Do not write in this question paper

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This paper consists of FOUR (4) printed pages

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and 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 of the following is used in plumbing system?

A. Barb

B. Union

C. Taps.

D. Elbow.

2. What fittings are used in pipelines, that is easy to dismantle and repair

A. Elbow

B. Union

C. Reducer

D. Cap

3. Why is it important to document all the troubleshooting processes in plumbing maintenance?

A. To help in tracking repair costs.

B. To facilitate future maintenance and repairs.

C. To identify the cause of the problem.

D. To provide documentation for insurance.

4. Low water pressure in plumbing systems is normally caused by?

A. Clogged drains.

B. Leaking pipes.

C. Faulty faucets.

D. Sediment in pipes

5. What is a common indicator of a hidden water leak in?

A. Increased water pressure

B. Low water bills

C. Mold or mildew growth

D. Loud water hammer sounds

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6. Which one of the following is not a type of a trap used in plumbing work?

A. P trap

B. S trap

C. R trap

D. Q trap

7. Which one of the following is not a cutting tool?

A. Hack saw

B. Pipe cutter

C. Grinder

D. Drill

8. Which of the following is NOT a safety habit in a workplace?

A. Don't smoke in the workshop

B. Running in the workshop

C. Cleaning tools after work and storing them appropriately

D. Cleaning the workshop after working

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9. Which one of the following is not a fitting used in repairing of plumbing work?

A. Elbow

B. Gate valve

C. GI pipe

D. Socket

10. The following are major types of valves used in plumbing system except?

A.

B. Butterfly valve

C. Globe valve

D. Closet valve

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SECTION B (40MARKS)**Answer all the questions in this section**

11. Identify FOUR factors for the choice of pipe material to use in installation.

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(4 Marks)

12. Joyce an experienced plumber is contracted to fix a leaking tap. State THREE reasons for a leaking tap.

(3Marks)

13. State FOUR common safety and first aid policy that a plumber must have?

(4Marks)

14. Record FIVE advices you can give to a client on how to reduce the need for expensive plumbing repairs in his/her homestead?

(5 Marks)

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15. State FOUR types of maintenance as applied in plumbing service?

(4Marks)

16. Name THREE housekeeping activities to follow while working in a workshop.

(3Marks)

17. As a worker it is important to observe safety and health practices in a workshop. Identify THREE reasons for doing so.

(3Marks)

18. Record THREE common causes of pipe corrosion in plumbing system.

(3Marks)

19. List FIVE advantages of accurate measurements when quantifying plumbing material and supplies.

(5Marks)

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20. As an experienced plumber, State SIX procedures to follow while repairing leaks in a cistern?

(6Marks)

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