

073204T4PLM

PLUMBING LEVEL 4

CON/OS/PL/CC/02/4/A

Perform Workshop Processes

March/April 2025



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 questions 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 in this 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: (10 Marks)

Choose the correct answer from the choices provided in each question. Each is 1 mark.

1. _____ does not cause fire outbreak in a workshop.
 - A. Solids
 - B. Flammable gases
 - C. Flammable liquids
 - D. Electrical
2. The following are safety and regulation observed when using workshop tools and equipment's except
 - A. use the right tool for the right purpose.
 - B. Wear the right safety equipment for the job.
 - C. Follow the correct procedure for using EVERY tool.
 - D. work with oily or greasy hands
3. Which of the following activities does not require a plumber to wear gloves
 - A. handling tasks that involve hot materials
 - B. handling chemicals
 - C. handling slippery objects
 - D. using water
4. Hazard may be defined as:
 - A. anything that can cause harm
 - B. the chance, large or small, of harm actually being done
 - C. someone who has the necessary training and expertise to safely carry out an activity
 - D. the rules and regulations of the working environment
5. A positive attitude:
 - A. is the duty of every employer
 - B. is the duty of every employee
 - C. increases accidents at work
 - D. reduces accidents at work

6. Name the main causes of accidents due to electricity.
- A. Electric shock
 - B. Proper handling of electric equipment.
 - C. Carelessness
 - D. Exposed necked wires
7. _____ is a method used to prevent electric shock
- A. The time taken for the current flow
 - B. Earthing
 - C. Ventilation
 - D. Cleanness
8. Among the following which is an equipment.
- A. Pliers
 - B. Hacksaws
 - C. Hammers
 - D. PPR welding machine
 - E. Plumb bob.
 - F. Spirit level
 - G. Tape measure
 - H. Mason squire
9. A plumber uses _____ to cut sheet metal.
- A. Hacksaw
 - B. File
 - C. Vernier caliper
 - D. snips

SECTION B: (40 MARKS)

Answer ALL questions in this section.

10. Define the following terms as used in a plumbing workshop (4marks)
- i. Workshop
 - ii. Workshop Technology
 - iii. Safety
 - iv. First Aid
11. A first Aid Kit should be kept in a place where it can be reached easily. List three items found in a first Aid kit. (3marks)
12. Personal protective equipment is very essential to any plumber. State FOUR personal protective equipment (4marks)
13. State THREE fastening tools used in plumbing (3marks)
14. Plastic materials are commonly used in plumbing. State FOUR advantages of using PVC pipe (4marks)
15. It is important to carry out water test after laying of pipes. State two reason for testing plumbing works (2marks)
16. The importance of tools and equipment is to easy work to be performed. State four safety precaution on tools and equipment (4marks)
17. state four reasons of storing plumbing materials. (4marks)
18. List the reasons why we keep records. (2marks)
19. A workshop is a room used for manufacturing and industrial work. List four safety precautions observed in the workshop (4marks)
20. Define the following terms as used in plumbing workshop
- i. Tool (2marks).
 - ii. Records (2marks)
 - iii. Store (2marks)