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073204T4PLM

PLUMBING LEVEL 4

CON/OS/PL/CR/04 / 4 Printed By: And Vocational College

Install Sanitary Appliances

November/December 2025

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

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WRITTEN ASSESSMENT

Date: 20.11.2025 03:22 PM

Time: 2 HOURS

INSTRUCTIONS TO CANDIDATE

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1. This consists of two sections, **A** and **B**.

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2. Answer **ALL** the question in section **A** and **B**.

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3. Marks for each question are as indicated in the brackets.

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

5. Do **NOT** write in this space.

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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. _____ of the following is NOT a sanitary appliance?

A. Water closet (WC)

B. Wash hand basin

C. Kitchen sink
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2. D. Concrete block

The correct tool for tightening nuts on sanitary fittings is
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A. Spirit level

B. Adjustable spanner

C. Plunger

D. Hammer

3. The purpose of a trap in a sanitary appliance is to:

A. Support the appliance

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B. Prevent foul gases from entering rooms
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C. Store wastewater

D. Increase water pressure

4. Which sanitary appliance is specifically designed for urination?

A. Urinal

B. Wash basin

C. Showers
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D. Bidet

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5. Before installing a wash hand basin, the plumber should **FIRST**:

A. Fill it with water

B. Read manufacturer's specification
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C. Paint the wall

D. Connect the trap

6. Which is MOST suitable for sealing joints of sanitary appliances?

A. Super glue
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B. Cement mortar

C. Silicone sealant

D. Sawdust paste

7. When installing a WC, the must connect directly to _____

A. Rainwater gutter

B. Soil pipe

C. Kitchen drain

D. Hand wash basin pipe

8. The correct slope for a waste pipe from a sanitary appliance is to ensure:

A. Water remains stagnant

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B. Smooth flow of wastewater

C. Increased water pressure

D. Appliance stability

9. A bidet is installed in bathrooms mainly for:

A. Bathing

B. Personal hygiene washing

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C. Storing water
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D. Hand washing

10. Which tool should be stored in a dry place to avoid rusting.

A. Wooden mallet

B. PVC pipe cutter

C. Steel pipe wrench

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D. Pla

SECTION B (40 MARKS)

Answer ALL the questions in this section

11. **Installing a sanitary appliance** Printed By: Technical And Vocational College Date: 20.11.2025 03:22 PM **apart from the process of fitting and connecting a sanitary fixture used for sanitation purposes. State FOUR factors to consider when selecting sanitary appliances for installation.** Printed By: B And Vocational College Date: 20.11.2025 03:22 PM **(4 Marks)**

12. **Give THREE safety precautions a plumber should observe when installing sanitary appliances.** Printed By: Technical And Vocational College Date: 20.11.2025 03:22 PM **(3 Marks)**

13. **Installing a wash hand basin involves several important steps that should be followed in order to come up with a functional, safe and aesthetic product as followed in the installation of a wash hand basin.** Printed By: B And Vocational College Date: 20.11.2025 03:22 PM **(5 Marks)**

14. **List FOUR common faults that may occur if sanitary appliances are poorly installed by a plumber?** **(4 Marks)**

15. **In plumbing, a trap is the bent or curved section of a pipe that retains a small amount of water at all times. Give FOUR types of these traps as used in sanitary appliances.** **(4 Marks)**

16. **State FOUR sanitary appliances commonly installed in domestic buildings.** Printed By: Technical And Vocational College **(4 Marks)**

17. **Testing the functionality of a sanitary appliance after installation is an important step in plumbing works. List FOUR reasons for testing sanitary appliances after installation process is done** Printed By: Technical And Vocational College Date: 20.11.2025 03:22 PM **(4 Marks)**

18. **After installing a sanitary appliance, a plumber must perform an important activity before commissioning. State FOUR housekeeping practices a plumber should carry out after installing sanitary appliances.** Printed By: Technical And Vocational College Date: 20.11.2025 03:22 PM **(4 Marks)**

19. **Name FOUR stages of installing sanitary appliances according to manufacturer's instructions.** Printed By: Technical And Vocational College Date: 20.11.2025 03:22 PM **(4 Marks)**

20. **State FOUR reasons why material scheduling should be done when performing plumbing** Printed By: Technical And Vocational College Date: 20.11.2025 03:22 PM **(4 Marks)**