

Student Name: _____**Class:** _____**Student ID:** _____**Date:** _____

Assessment Details

Duration: 30 minutes	Total Marks: 50
Topics Covered:	<ul style="list-style-type: none">• Plumbing Tools and Equipment• Plumbing Fixtures and Appliances• Safety Protocols

Instructions to Students:

1. Read all questions carefully before attempting.
2. Show all working out - marks are awarded for method.
3. Calculator use is permitted except where stated otherwise.
4. Write your answers in the spaces provided.
5. If you need more space, use the additional pages at the end.
6. Time management is crucial - allocate approximately 1 minute per mark.

Section A: Multiple Choice [20 marks]

Question 1

[2 marks]

What is the primary function of a pipe wrench in plumbing?

A) To measure pipe diameter

B) To cut pipe

C) To grip and twist pipe

D) To solder pipe

Question 2

[2 marks]

Which of the following power tools is commonly used to drill holes in pipes?

A) Impact wrench

B) Reciprocating saw

C) Drill

D) Jigsaw

Question 3

[2 marks]

What is the purpose of a tape measure in plumbing?

A) To measure the temperature of water

B) To measure the pressure of water

C) To measure the length of pipes

D) To measure the diameter of pipes

Question 4

[2 marks]

What is the function of a level in plumbing?

A) To ensure pipes are properly sloped

B) To ensure pipes are properly sized

C) To ensure pipes are properly aligned

D) To ensure pipes are properly secured

Question 5

[2 marks]

What is the purpose of a multimeter in plumbing?

A) To measure the voltage of electrical systems

B) To measure the current of electrical systems

C) To measure the resistance of electrical systems

D) To measure the continuity of electrical systems

Section B: Short Answer Questions [15 marks]

Question 6

[3 marks]

Describe the difference between a single-handle and a double-handle faucet.

Question 7

[3 marks]

What is the purpose of a toilet flapper, and how does it function?

Question 8

[3 marks]

What is the difference between a sink and a faucet?

Question 9

[3 marks]

Describe the purpose and function of a water heater.

What is the purpose of a boiler in a plumbing system?



Question 11

[5 marks]

Match the following PPE items with their corresponding functions:

Hard hat	_____
Safety glasses	_____
Steel-toed boots	_____

Functions:

A) Protects head from falling objects

B) Protects eyes from chemical splashes

C) Protects feet from heavy objects

Assessment Rubric

Multiple Choice Questions: 1 point per correct answer

Short Answer Questions: 2 points per correct answer (1 point for partial credit)

Matching Questions: 1 point per correct match

Note

Please ensure that you have completed all sections of the assessment.

Please review your work carefully before submitting your answer sheet.

