

Residential Plumbing Systems and Technical Drawing

Plumbing Technology · Answer Key · 15 Questions

1. Which plumbing system is responsible for carrying wastewater away from fixtures?

- A) Water Supply System
- B) Waste System**
- C) Vent System
- D) Drainage System

2. What is the primary purpose of the vent system in plumbing?

- A) To supply water
- B) To prevent sewer gases from entering the building**
- C) To collect rainwater
- D) To heat the water

3. Which pipe material is known for being lightweight and corrosion-resistant for water lines?

- A) GI Pipe
- B) PPR Pipe
- C) PVC**
- D) Copper

4. What does PPR stand for in the context of plumbing pipes?

- A) Polypropylene Random Pipe**
- B) Plastic Pressure Resin
- C) Pre-Piped Reinforced
- D) Poly-Pipes Residential

5. Which fitting is used to create a branch in a piping system?

- A) Elbow
- B) Coupling
- C) Tee**
- D) Valve

6. What is the function of a P-trap?

- A) To join pipes
- B) To measure water pressure
- C) To prevent sewer gases from entering the building**
- D) To increase water flow

7. Which component collects wastewater from different fixtures?

- A) Soil Pipe
- B) Branch Drain**
- C) Building Sewer
- D) Vent Pipe

8. What is the main function of a building sewer?

- A) Connects to the septic tank or public sewer**
- B) Collects water from sinks
- C) Ventilates the pipes
- D) Connects the trap to the drain

9. Which drafting tool is used to draw vertical lines?

- A) Ruler
- B) T-square**
- C) Protractor
- D) Erasing Shield

10. What is the primary use of a protractor in technical drawing?

- A) Drawing circles
- B) Measuring angles**
- C) Drawing parallel lines
- D) Erasing mistakes

11. Which type of pipe carries human excreta?

- A) Waste pipe
- B) Soil pipe**
- C) Vent pipe
- D) Supply pipe

12. What is the main difference between a waste system and a sewer system?

- A) Material used
- B) Location and purpose**
- C) Cost of installation
- D) Length of the pipe

13. Which tool is used to draw a perfect circle?

- A) Protractor
- B) Compass**
- C) Triangle
- D) Ruler

14. What is the function of an erasing shield?

- A) To hold the paper
- B) To protect surrounding lines while erasing**
- C) To clean the pencil
- D) To measure the line length

15. In technical drawing, what do hidden lines represent?

- A) The outer boundary of an object
- B) Features not visible from the current view**
- C) The center of a circle
- D) The dimension of an object