Module 19209 Exam
Plumbing Systems

Trainee Name: _____

Social Security Number: _____ Date: _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

1. What type of material is most widely used for cold water pipe?
   a. Plastic
   b. Stainless steel
   c. Copper
   d. Cast iron

2. Many hot water systems eliminate the need for storage tanks by using _____.
   a. backflow preventers
   b. tankless heaters
   c. water softeners
   d. recirculating pumps

3. To prevent gas and odor from entering a facility, a condensate drain system includes a(n) _____.
   a. expansion tank
   b. runout connection
   c. protection shield
   d. P-trap

4. To meet fire safety code standards, piping systems run in a return air plenum must be _____.
   a. noncombustible
   b. made from PEX
   c. made from CPVC
   d. vapor sealed

5. Where is condensate drain piping most likely to be connected?
   a. To the cleanouts in storm drainage systems
   b. To the end of the recirculating hot water piping
   c. To the hot water piping connected to the plumbing fixtures
   d. To drain pans under A/C units, refrigeration units, and cooling coils

6. What is the name of the piping that supplies bathrooms located on each floor in a hotel if the bathrooms are directly over each other?
   a. Stand pipe
   b. Drops
   c. Riser
   d. Lateral

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7. One common method for dealing with thermal expansion in a plumbing hot water system is to use a(n) _____.
   a. water hammer arrestor
   b. expansion loop
   c. booster pump
   d. trapeze hanger

8. If water softeners are used in a building, where would they most likely be located?
   a. Near water fountains
   b. On the roof
   c. Where the main enters the building
   d. Past the water heaters

9. Why would insulation be required on storm drain piping?
   a. To prevent condensation on the piping
   b. To ensure that every pipe in a piping system is insulated
   c. To protect the piping from inclement weather
   d. To prevent corrosion of the piping

10. In some facilities, a booster heater is used to _____.
    a. maintain adequate water pressure on upper floors
    b. eliminate the need for extra storage tanks
    c. minimize sediment buildup on hot water piping
    d. provide higher-temperature water to equipment such as a dishwasher

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