

313A Practice Test Questions and Answers

1. What is sensible heat?

- A) Heat that cannot be detected by instruments
- B) Heat that changes the temperature of a substance without changing its phase
- C) Heat stored in the refrigerant's pressure
- D) Heat transferred only by radiation

2. What is a hot gas defrost system?

- A) A system that uses electric resistance heaters to melt frost from the evaporator coil
- B) A system that routes hot discharge gas from the compressor directly to the evaporator to melt accumulated frost
- C) A system that circulates warm glycol solution through the evaporator coil during defrost
- D) A system that reverses airflow through the evaporator to remove frost by warm ambient air

3. What causes a TXV to hunt (oscillate)?

- A) Normal operation
- B) Improper sensing bulb placement, oversized valve, liquid in the suction line, or rapid load changes causing the valve to overcorrect repeatedly
- C) Low ambient temperature only
- D) High refrigerant charge only

4. What is a direct expansion (DX) evaporator?

- A) An evaporator that uses hot water for heating
- B) An evaporator where refrigerant expands directly inside the coil to cool air or fluid passing over or around it, with the metering device controlling flow
- C) An evaporator with no fins
- D) An evaporator that uses a secondary coolant like glycol

Answers: 1-B 2-B 3-B 4-B

For More 313A Questions and Answers FREE, 313A Online Prep Training,
313A Exam, 313A Study Guide, 313A Flashcards, 313A Quizzes visit:

313A Practice Test