

## Fleet Multi-Temp Quiz 2

Name: \_\_\_\_\_ Number Correct: \_\_\_\_/10

### Multiple Choice

*Identify the choice that best completes the statement or answers the question.*

*This quiz should take approximately 15 minutes to complete.*

1. If the condenser fins on a unit are plugged with debris, system pressures will be \_\_\_\_\_.
  - a. Normal
  - b. Lower than normal
  - c. Higher than normal
  - d. Higher on the suction side and lower on the discharge side
2. Suction and discharge pressure of a unit will \_\_\_\_\_ on a unit that has a refrigerant overcharge?
  - a. Be higher than normal
  - b. Be lower than normal
  - c. Stay the same in this situation
  - d. Not be affected, but the discharge pressure will go up
3. A SPECTRUM-SB comes into the shop with a complaint of not cooling in zone 1. The host zone TD and suction pressure are low and the suction line is heavily frosted. What is a possible cause of the problem?
  - a. Heavily frosted host evaporator
  - b. Low refrigerant charge
  - c. Low compressor capacity
  - d. Restricted liquid line drier
4. Suction pressure is varies based on \_\_\_\_\_, and discharge pressure varies based on \_\_\_\_\_.
  - a. Box temp, Ambient temp
  - b. Ambient temp, Box temp
  - c. BTU's, Specific shift
  - d. Load temp, Heat of Respiration
5. Zone 1 of a SPECTRUM-SB is not cooling very well and the temperature is not falling fast enough. What do you do first?
  - a. Check the temperature differential (TD) across the evaporator coil.
  - b. Lower the setpoint for faster cooling.
  - c. Check the evaporator coil for debris.
  - d. Add refrigerant.

6. Allowing air to enter a refrigeration system will:
  - a. Lower discharge pressure and reduce system capacity.
  - b. Lower discharge pressure, reduce system efficiency and contribute to the formation of acid in the refrigeration system.
  - c. Raise discharge pressure, reduce system efficiency and contribute to the formation of acid in the refrigeration system.
  - d. All of the above.
7. An airflow obstruction, such as a tall load, inside the trailer can cause what?
  - a. Reduced cooling of the entire load.
  - b. The unit to reach setpoint faster.
  - c. The load temperature to appear to pull down faster.
  - d. All the above.
8. Suction pressure of a unit will \_\_\_\_\_ with a unit that is low on refrigerant charge?
  - a. Be higher than normal
  - b. Be lower than normal
  - c. Stay the same in this situation
  - d. Not be affected, but the discharge pressure will go up
9. When a remote zone is in the heat mode, the Condenser Inlet Solenoid (CIS) is:
  - a. Energized open to ensure the host unit is cooling.
  - b. Energized closed and the host unit completely stops cooling.
  - c. Energized closed and the remote evaporator acts as the condenser.
  - d. Energized open and the host acts as the condenser.
10. If the temperature differential (TD) is a negative number:
  - a. The unit has an alarm code.
  - b. The unit is heating.
  - c. Discharge air is warmer than return air.
  - d. Discharge air is cooler than return air.