1. Technician A says: R-134A refrigerant will have higher pressure readings than R-12 refrigerant at higher ambient temperatures. Technician B says: R-134A refrigerants will have lower pressure readings than R-12 at higher ambient temperatures. Who is correct?
   A. Technician A
   B. Technician B
   C. Both A and B
   D. Neither A nor B

2. What is the function of the pressure cycling switch on a CCOT type air conditioning system?
   A. turn off the compressor when system pressure is low
   B. turn on the compressor when system pressure is low
   C. regulate the flow of refrigerant to the thermal expansion valve (TXV)
   D. regulate the flow of refrigerant from the filter/receiver drier

3. Technician A says: Only EPA certified, electrically operated, liquid filled, pressure-vacuum gauges (type JK-1999), may be used jointly in conjunction with both R-12 and R-134A hose systems. Technician B says: Separate sets of hoses and separate gauges must be used when servicing vehicles with different refrigerants. But the same recharging and recycling equipment with a single R-12 (Freon) reclaiming tank may be used with either system. Who is correct?
   A. Technician A
   B. Technician B
   C. Both A and B
   D. Neither A nor B

4. The rear air conditioning system of a single compressor system operates properly, but the front unit only blows warm air. During troubleshooting, the technician finds the front evaporator case is warm. Technician A says: The clutch cycling switch could be defective. Technician B says: The orifice tube could be clogged. Who is correct?
   A. Technician A
   B. Technician B
   C. Both A and B
   D. Neither A nor B

5. When servicing an ambulance air conditioning system, when can R-134A refrigerant be substituted for R-12?
   A. in an emergency involving the need for immediate ambulance cooling
   B. if the driver's compartment A/C system is separate from the patient compartment system
   C. if the systems are completely evacuated and recharged using a mix of R-134A and LPG-286A
   D. R-134A cannot be used as a drop-in substitute for R-12

Answer Key
1. a  2. a  3. b  4. d  5. d