

Name _____

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

- 1) Where is the ambient temperature sensor usually mounted? 1) _____
 - A) In front of the radiator
 - B) At the intake cowl
 - C) In the climate control plenum
 - D) None of these is correct

- 2) Which sensor might use an aspirator tube? 2) _____
 - A) Inside vehicle temperature
 - B) Outside air temperature
 - C) Discharge air temperature
 - D) Evaporator outlet temperature

- 3) Some cabin filters contain _____ to absorb odors 3) _____
 - A) perfume
 - B) activated charcoal
 - C) paper filter material
 - D) synthetic fibers

- 4) Which of the following is NOT a sensor in an ATC system? 4) _____
 - A) Sun load sensor
 - B) Humidity sensor
 - C) In-car temperature sensor
 - D) Ambient air temperature sensor

- 5) What components in the AC system may be different on a hybrid electric vehicle? 5) _____
 - A) Evaporator
 - B) Compressor
 - C) Condenser
 - D) Blower motor

- 6) An actuator can be capable of how many positions? 6) _____
 - A) Two
 - B) Three
 - C) Variable
 - D) All of these

- 7) Which sensor is also called the ambient air temperature sensor? 7) _____
 - A) Outside air temperature (OAT)
 - B) Inside vehicle temperature
 - C) Discharge air temperature
 - D) Evaporator outlet temperature

- 8) An ATC system has the ability to automatically _____. 8) _____
- A) move the temperature-blend door
 - B) adjust the blower speed
 - C) change the function door setting
 - D) all of these
- 9) Which component is used as a feedback circuit? 9) _____
- A) In-car temperature sensor
 - B) Ambient air temperature sensor
 - C) Sun load sensor
 - D) Potentiometer
- 10) Technician A says that the HVAC doors in an automatic system may be vacuum operated. Technician B says that the HVAC doors in an automatic system may be operated by electric servos. Which technician is correct? 10) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician