

Name _____

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

- 1) 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? 1) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 2) Which of these is an example of a three-position actuator? 2) _____
A) Bi-level air door
B) Blend door
C) Recirculation door
D) None of these is correct
- 3) The blower motor resistors are used to limit _____ to the motor 3) _____
A) voltage
B) airflow
C) current
D) Both A and C
- 4) An actuator can be capable of how many positions? 4) _____
A) Two
B) Three
C) Variable
D) All of these
- 5) Where is the ambient temperature sensor usually mounted? 5) _____
A) In front of the radiator
B) At the intake cowl
C) In the climate control plenum
D) None of these is correct
- 6) Which sensor might use an aspirator tube? 6) _____
A) Inside vehicle temperature
B) Outside air temperature
C) Discharge air temperature
D) Evaporator outlet temperature

7) Technician A says that some cabin filters are accessible behind the glove compartment. 7) _____
Technician B says that some cabin filters are accessible from under the hood. Which technician is correct?

- A) Technician A only
- B) Technician B only
- C) Both technicians
- D) Neither technician

8) The purpose of the afterblow system is to dry the evaporator to help prevent the formation of 8) _____
_____ in the evaporator case.

- A) rust
- B) mold and mildew
- C) rotted leaves
- D) insect nests

9) What is the most common type of sunload sensor? 9) _____

- A) Potentiometer
- B) NTC thermistor
- C) Photo diode
- D) PTC thermistor

10) Which is NOT part of a rear air conditioning system? 10) _____

- A) Rear evaporator
- B) Rear heater core
- C) Rear AC compressor
- D) Rear blower motor