

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. 10) _____
Technician B says that the HVAC doors in an automatic system may be operated by electric servos. Which technician is correct?
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician

Answer Key

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1) A

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2) A

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3) B

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4) B

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5) B

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6) D

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7) A

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8) D

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9) D

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10) C

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