

Name _____

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

- 1) Which sensor is also called the ambient air temperature sensor? 1) _____
A) Outside air temperature
B) Inside vehicle temperature
C) Discharge air temperature
D) Evaporator outlet temperature

- 2) An HVAC pressure transducer measures _____ pressure. 2) _____
A) Refrigerant
B) Atmospheric
C) Oil
D) Interior

- 3) An actuator can be capable of how many positions? 3) _____
A) Two
B) Three
C) Variable
D) All of these

- 4) A check with a scan tool indicates these pressures with the AC system: Low side 26 psi/high side 90 psi. What could these pressures indicate? 4) _____
A) System operating normally
B) Low refrigerant charge
C) Compressor not running
D) Overtightened belt

- 5) The recirculation door is an example of a _____ actuator. 5) _____
A) Three-position
B) Variable-position
C) Dual-position
D) None of these

- 6) What is the most common type of sunload sensor? 6) _____
A) Potentiometer
B) NTC thermistor
C) Photo diode
D) PTC thermistor

- 7) An ATC system has the ability to automatically _____. 7) _____
A) move the temperature-blend door
B) adjust the blower speed
C) change the function door setting
D) All of these

8) Where is the ambient temperature sensor usually mounted?

8) _____

- A) In front of the radiator
- B) At the intake cowl
- C) In the climate control plenum
- D) None of these is correct

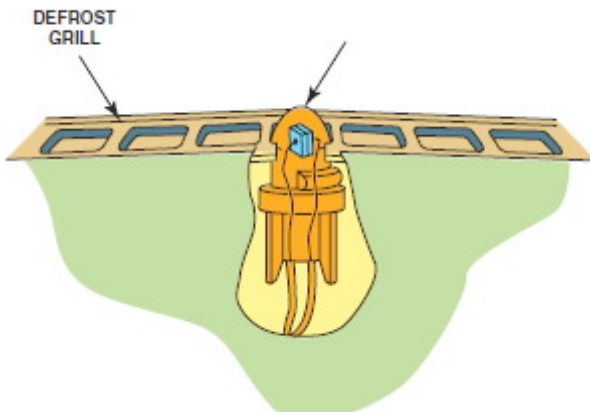
9) Automatic temperature control (ATC) diagnostic trouble codes are usually what type?

9) _____

- A) P codes
- B) B codes
- C) C codes
- D) U codes

10) What sensor is this (arrow)?

10) _____



- A) Ambient air sensor
- B) Intake air sensor
- C) Sunload sensor
- D) Occupant sensor

Answer Key

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1) A

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2) A

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3) D

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4) B

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5) C

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6) C

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7) D

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8) A

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9) B

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10) C

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