

Name \_\_\_\_\_

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

1) A five-wire actuator uses two wires to power the motor (power and ground) and three wires for \_\_\_\_\_ 1) \_\_\_\_\_

- A) Direction control
- B) A feedback potentiometer
- C) Static electricity protection
- D) Redundant control

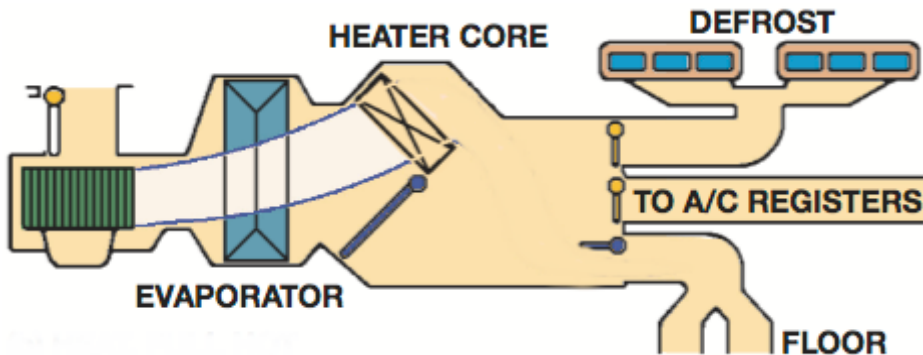
2) When an A/C system is set to "recirculate" the inlet air for the evaporator comes from \_\_\_\_\_ 2) \_\_\_\_\_

- A) Outside the vehicle
- B) Inside the vehicle
- C) Both of these
- D) Neither of these

3) What is a "reheat" system? 3) \_\_\_\_\_

- A) A system that uses two heater cores
- B) A system that cools the air through the evaporator then heats the air through airflow through the heater core
- C) A system that uses both engine coolant and an electronic heater to heat the air
- D) Any of the above depending on the make and model of vehicle

4) Examine this diagram. What temperature and mode has been selected? 4) \_\_\_\_\_



- A) Cold, air coming out dash vents
- B) Hot, heat on floor
- C) Hot, heat at defroster vents
- D) Warm, cool air at defrost vents

5) Ram air is the result of \_\_\_\_\_ 5) \_\_\_\_\_

- A) The forward motion of the vehicle
- B) Manifold vacuum
- C) The force of air caused by the blower fan
- D) The air intake system

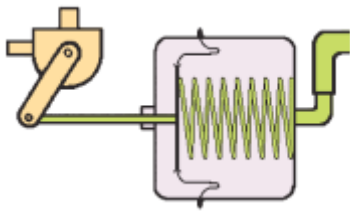
6) A five-wire actuator uses two wires to power the \_\_\_\_\_ and three wires for a \_\_\_\_\_. 6) \_\_\_\_\_  
A) Motor; potentiometer  
B) Potentiometer; ground  
C) Motor; linear divider  
D) Potentiometer; motor

7) The \_\_\_\_\_ door is used to select air discharge location, such as floor, vent, or defrost. 7) \_\_\_\_\_  
A) Mode  
B) Recirculation  
C) Fresh air  
D) Any of the above

8) What does the snowflake button on the dash do? 8) \_\_\_\_\_  
A) Selects defrost  
B) Selects defog  
C) Turns on the A/C compressor  
D) Selects fresh outside air

9) The ram air that enters the vehicle from the outside enters the HVAC system from \_\_\_\_\_. 9) \_\_\_\_\_  
A) Beside the headlight  
B) Behind the grill  
C) The side vents  
D) The base of the windshield

10) Identify this component. 10) \_\_\_\_\_



- A) A vacuum motor
- B) A vacuum pump
- C) A heating coil
- D) None of these

## Answer Key

Testname: AHAC8\_6A

1) B

Page Ref: 85

2) B

Page Ref: 82

3) B

Page Ref: 79

4) B

Page Ref: 82

5) A

Page Ref: 79

6) A

Page Ref: 85

7) A

Page Ref: 77

8) C

Page Ref: 79

9) D

Page Ref: 79

10) A

Page Ref: 84