Exam

Name_____

8thHTACch-11
MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

1) A dual-zone A/C system allows for different _____ for the driver and passenger.   1) _____
   A) Compressor speeds   B) Air flow
   C) Temperatures   D) Fan speeds

2) Some cabin filters contain _____ to absorb odors   2) _____
   A) Perfume   B) Synthetic fibers
   C) Activated charcoal   D) Paper filter material

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

4) The HVAC control module uses _____ to control high current loads in the A/C system.   4) _____
   A) LEDs   B) Switches   C) Relays   D) Vacuum hoses

5) What is the purpose of a compressor speed sensor?   5) _____
   A) To allow the ECM to control compressor speed
   B) So the ECM can control low-side pressure
   C) So the ECM can control high-side pressure
   D) To let the ECM know if the compressor is turning

6) Which sensor is also called the ambient air temperature sensor?   6) _____
   A) In-vehicle vehicle temperature   B) Evaporator outlet temperature
   C) Outside air temperature   D) Discharge air temperature

7) Where is the ambient temperature sensor usually mounted?   7) _____
   A) In the climate control plenum   B) At the intake cowl
   C) In front of the radiator   D) None of these is correct

8) Which component is used as a feedback circuit?   8) _____
   A) In-car temperature sensor   B) Sun load sensor
   C) Potentiometer   D) Ambient air temperature sensor

9) A feedback potentiometer is used to _____.   9) _____
   A) Provide feedback to the controller as to the location of a door or valve
   B) Give temperature information about the outside air temperature to the dash display
   C) Provide feedback to the driver as to where the controls are set
   D) Any of the above depending on the exact make and model of vehicle

10) An ATC system has the ability to automatically _____.   10) _____
   A) Move the temperature-blend door   B) Change the function door setting
   C) Adjust the blower speed   D) All of these