

Name _____

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

- 1) Reusing old coolant is generally not approved by vehicle manufacturers, with the exception of _____ 1) _____
_____.
- A) General Motors
 - B) Ford
 - C) Chrysler
 - D) Mercedes
- 2) Which of the following antifreeze / water mix has the lowest freeze point? 2) _____
- A) Pure antifreeze
 - B) 50 / 50 mixture
 - C) Pure water
 - D) 60% antifreeze / 40% water
- 3) Using 100% coolant in the cooling system improves the cooling capacity of the system. 3) _____
- A) True
 - B) False
- 4) As the percentage of antifreeze in the coolant increases, _____. 4) _____
- A) the freeze point decreases (up to a point)
 - B) the boiling point decreases
 - C) the heat transfer increases
 - D) All of the above occurs.
- 5) Technician A says that OAT type coolant should be changed every 2 years. Technician B says that IAT type coolant should be changed every 2 years. Which technician is correct? 5) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 6) What percentage of coolant is water? 6) _____
- A) 80%
 - B) 50%
 - C) 30%
 - D) 10%
- 7) Some manufacturers recommend using premixed coolant only in their vehicles. 7) _____
- A) True
 - B) False

- 8) A normal reading when testing coolant for galvanic activity is _____. 8) _____
- A) less than 200 mV
 - B) at least .5 V
 - C) more than .5 V
 - D) 5 V or more
- 9) Technician A says that used coolant should never be recycled. Technician B says that coolant types that include DEX-COOL are ethylene glycol-based. Who is right? 9) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 10) Technician A says that galvanic activity is the result of a poor ground connection. Technician B says that electrolysis can occur with a poor ground connection. Which technician is correct? 10) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician