

Name _____

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

- 1) Coolant is water and _____. 1) _____
 - A) methanol
 - B) glycerin
 - C) kerosene
 - D) ethylene glycol

- 2) What percentage of coolant is water? 2) _____
 - A) 80%
 - B) 50%
 - C) 30%
 - D) 10%

- 3) As the percentage of antifreeze in the coolant increases, _____. 3) _____
 - 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.

- 4) Some manufacturers recommend using premixed coolant only in their vehicles. 4) _____
 - A) True
 - B) False

- 5) All these are functions of coolant EXCEPT _____. 5) _____
 - A) corrosion inhibitor
 - B) rust inhibitor
 - C) cooling system lubricant
 - D) All of these are functions of coolant.

- 6) Reusing old coolant is generally not approved by vehicle manufacturers, with the exception of _____. 6) _____
 - A) General Motors
 - B) Ford
 - C) Chrysler
 - D) Mercedes

- 7) Using 100% coolant in the cooling system improves the cooling capacity of the system. 7) _____
 - A) True
 - B) False

- 8) Adding a chemical to make ethylene glycol coolant bitter to the taste is called _____. 8) _____
 - A) passivation
 - B) embittered
 - C) refractometer
 - D) electrolysis

9) DEX-COOL coolant is composed mostly of which of these chemicals?

9) _____

- A) Methanol
- B) Alcohol
- C) Propylene glycol
- D) Ethylene glycol

10) Asian red coolant is what type?

10) _____

- A) IAT
- B) OAT
- C) HOAT
- D) PHOAT