

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

## Answer Key

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1) D

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2) B

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3) A

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4) A

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5) D

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6) D

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7) B

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8) B

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9) D

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10) C

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