

Name _____

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

- 1) DEX-COOL is what type of coolant? 1) _____
 - A) Propylene glycol
 - B) Ethylene glycol
 - C) OAT
 - D) Both B and C

- 2) Some vehicles use an oil cooler the help maintain proper oil temperature. Oil temperature range should be _____. 2) _____
 - A) 100° F to 150° F
 - B) 100° F to 125° F
 - C) 212° F to 300° F
 - D) Above 300° F

- 3) Adding a chemical to make ethylene glycol bitter to the taste is called _____. 3) _____
 - A) Passivation
 - B) Embittered
 - C) Refractometer
 - D) Electrolysis

- 4) Normal oil pump pressure in an engine is _____ PSI. 4) _____
 - A) 3 to 7
 - B) 10 to 60
 - C) 100 to 120
 - D) 180 to 210

- 5) All these are functions of coolant EXCEPT _____. 5) _____
 - A) Corrosion inhibitor
 - B) Rust inhibitor
 - C) Water pump lubricant
 - D) All of these are functions of coolant

- 6) An engine oil cooler usually uses _____ to cool the oil. 6) _____
 - A) Coolant
 - B) An extra large oil filter
 - C) Air conditioning evaporator output
 - D) Automatic transmission fluid after it flows through the radiator

- 7) What type of water is used in pre-mixed coolant? 7) _____
 - A) Distilled water
 - B) De-mineralized water
 - C) Tap water
 - D) Recycled water

8) Which mixture of coolant/ water solution below is recommended for general automotive use? 8) _____
A) 30/70
B) 50/50
C) 100/0
D) 70/30

9) The oil drains back to the oil pan through _____. 9) _____
A) Drain pumps
B) Drainback holes
C) The pushrods
D) The camshaft

10) In typical engine lubrication systems, what components are the last to receive oil? 10) _____
A) Main bearings
B) Rod bearings
C) Valve train components
D) Oil filter

Answer Key

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1) D

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2) C

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3) B

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4) B

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5) D

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6) A

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7) B

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8) B

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9) B

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10) C

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