

Name _____

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

- 1) What term describes the process where wax crystals form in diesel fuel, clogging fuel filters? 1) _____
A) Cloud point
B) Flash point
C) Pour point
D) None of these
- 2) Which grade of diesel fuel is best suited for cold weather operation? 2) _____
A) Grade #1
B) Grade #2
C) Grade #3
D) None of these
- 3) Biodiesel is regular diesel fuel with vegetable oil added. 3) _____
A) True
B) False
- 4) The heat energy released from the combustion process is expressed in _____. 4) _____
A) BTUs
B) Fahrenheit
C) Calories
D) None of these
- 5) Diesel fuel mixed with ethanol is called _____ in the United States. 5) _____
A) FTD
B) GTL Diesel
C) E-Diesel
D) Diesohol
- 6) The use of B20 fuel in a Cummins diesel engine requires the installation of a(an) _____. 6) _____
A) Osmosis screen
B) Optional fuel heater tube
C) Optional extra fuel filter
D) B20 fuel tank
- 7) B20 biodiesel has how much regular diesel fuel? 7) _____
A) 20 percent
B) 40 percent
C) 80 percent
D) 100 percent

- 8) What clogs fuel filters when the temperature is low on a vehicle that uses diesel fuel? 8) _____
- A) Alcohol
 - B) Sulfur
 - C) Wax
 - D) Cetane
- 9) What is used to test the specific gravity of diesel fuel? 9) _____
- A) API calibrated hydrometer
 - B) Spectrometer
 - C) Gas chromatograph
 - D) None of these
- 10) Technician A says that diesel fuel has more heat energy than gasoline. Technician B says that grade #2 is the grade recommended for normal service in automotive diesel engines. Which technician is correct? 10) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

Answer Key

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- 1) A
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- 2) A
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- 3) B
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- 4) A
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- 5) C
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- 6) C
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- 7) C
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- 8) C
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- 9) A
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