

Name \_\_\_\_\_

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

- 1) What rating of diesel fuel indicates how well a diesel engine will start? 1) \_\_\_\_\_  
A) Specific gravity rating  
B) Sulfur content  
C) Cloud point  
D) Cetane rating
  
- 2) Diesel fuel mixed with ethanol is called \_\_\_\_\_ in the United States. 2) \_\_\_\_\_  
A) FTD  
B) GTL Diesel  
C) E-Diesel  
D) Diesohol
  
- 3) B20 biodiesel has how much regular diesel fuel? 3) \_\_\_\_\_  
A) 20 percent  
B) 40 percent  
C) 80 percent  
D) 100 percent
  
- 4) The high compression in a diesel engine can generate temperatures as high as \_\_\_\_\_ degrees F. 4) \_\_\_\_\_  
A) 2,800  
B) 4,900  
C) 1,600  
D) 3,000
  
- 5) Ultra low-sulfur diesel has a maximum of \_\_\_\_\_ parts per million of sulfur. 5) \_\_\_\_\_  
A) 5  
B) 10  
C) 15  
D) 20
  
- 6) The higher the cetane rating, the \_\_\_\_\_. 6) \_\_\_\_\_  
A) Easier the engine starts when cold  
B) Easier the engine starts when hot  
C) More power the engine produces  
D) Both B and C
  
- 7) Ultra-low-sulfur diesel fuel has how much sulfur content? 7) \_\_\_\_\_  
A) 15 PPM  
B) 50 PPM  
C) 500 PPM  
D) 1500 PPM

- 8) The use of B20 fuel in a Cummins diesel engine requires the installation of a(an) \_\_\_\_\_. 8) \_\_\_\_\_
- A) Osmosis screen
  - B) Optional fuel heater tube
  - C) Optional extra fuel filter
  - D) B20 fuel tank
- 9) 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? 9) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians A and B
  - D) Neither technician A nor B
- 10) What clogs fuel filters when the temperature is low on a vehicle that uses diesel fuel? 10) \_\_\_\_\_
- A) Alcohol
  - B) Sulfur
  - C) Wax
  - D) Cetane

## Answer Key

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1) D

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2) C

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3) C

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4) C

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5) C

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6) A

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7) A

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8) C

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9) C

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10) C

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