

Name \_\_\_\_\_

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

- 1) Most diesel fuel is what grade? 1) \_\_\_\_\_  
A) Grade #1  
B) Grade #2  
C) Grade #3  
D) Grade #4
- 2) B20 biodiesel has how much regular diesel fuel? 2) \_\_\_\_\_  
A) 20 percent  
B) 40 percent  
C) 80 percent  
D) 100 percent
- 3) Ultra-low-sulfur diesel fuel has how much sulfur content? 3) \_\_\_\_\_  
A) 15 PPM  
B) 50 PPM  
C) 500 PPM  
D) 1500 PPM
- 4) The specific gravity of diesel fuel is measured in what units? 4) \_\_\_\_\_  
A) Hydrometer units  
B) API gravity  
C) Grade number  
D) Cetane number
- 5) The higher the cetane rating, the \_\_\_\_\_. 5) \_\_\_\_\_  
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
- 6) Which is TRUE of biodiesel fuel? 6) \_\_\_\_\_  
A) Reduces particulate matter in emissions  
B) Reduces carbon monoxide emissions  
C) Reduces hydrocarbon emissions  
D) All of these
- 7) E-diesel is diesel fuel with what additive? 7) \_\_\_\_\_  
A) Methanol  
B) Sulfur  
C) Ethanol  
D) Vegetable oil

8) What term describes the process where wax crystals form in diesel fuel, clogging fuel filters? 8) \_\_\_\_\_  
A) Cloud point  
B) Flash point  
C) Pour point  
D) None of these

9) Ultra low-sulfur diesel has a maximum of \_\_\_\_\_ parts per million of sulfur. 9) \_\_\_\_\_  
A) 5  
B) 10  
C) 15  
D) 20

10) A biodiesel blend that has 5% biodiesel in conventional fuel is called \_\_\_\_\_. 10) \_\_\_\_\_  
A) B5  
B) B95  
C) D5  
D) D95