

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

## Answer Key

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1) B

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2) C

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3) A

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4) B

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5) A

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6) D

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7) C

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8) A

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9) C

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10) A

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