

Name \_\_\_\_\_

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

- 1) Oil viscosity refers to which of these? 1) \_\_\_\_\_
  - A) Most important property of lubricating oil
  - B) Tendency of oil to resist flowing
  - C) Divided into body and fluidity
  - D) Tendency of oil to increase flow
  
- 2) Which of the following should be used when changing the oil in a car with a gasoline engine made in 2011 or later? 2) \_\_\_\_\_
  - A) SN API
  - B) GF-1 ILSAC
  - C) CE API
  - D) CI-4 API
  
- 3) Oil change intervals as specified by the vehicle manufacturer \_\_\_\_\_. 3) \_\_\_\_\_
  - A) Are maximum time and milage intervals
  - B) Are minimum time and milage intervals
  - C) Only include miles driven between oil changes
  - D) Generally only include time between oil changes
  
- 4) The purpose of the oil filter bypass valve is to \_\_\_\_\_. 4) \_\_\_\_\_
  - A) Allow oil to bypass the filter if the filter becomes clogged
  - B) Keep the oil from draining out of the filter when the engine is shut off
  - C) Allows oil to bypass the oil filter when the oil is hot, to help cool the oil
  - D) Both B and C
  
- 5) Which of the following is NOT a characteristic of satisfactory engine oil? 5) \_\_\_\_\_
  - A) Resist foaming
  - B) Provide dry friction between moving parts
  - C) Proper viscosity
  - D) Pours at low temperatures
  
- 6) Which of these oils contains no detergents or additives and is NOT suitable for use in engines? 6) \_\_\_\_\_
  - A) SA
  - B) SG
  - C) SM
  - D) None of these
  
- 7) Technician A always inspects or replaces the drain plug gasket when performing an oil change. Technician B says that warm oil holds contaminants and flows faster than cold oil. Who is correct? 7) \_\_\_\_\_
  - A) Technician A
  - B) Technician B
  - C) Both technicians
  - D) Neither technician

- 8) Oil with a high viscosity has a \_\_\_\_\_ resistance to flow than oil with a lower viscosity. 8) \_\_\_\_\_  
A) Higher  
B) Lower  
C) Equal  
D) None of these
- 9) Using the wrong oil when changing oil could cause the "Check engine" light to come on. 9) \_\_\_\_\_  
A) True  
B) False
- 10) The "W" in SAE 5W-20 means \_\_\_\_\_. 10) \_\_\_\_\_  
A) Weight  
B) Winter  
C) With  
D) Without

## Answer Key

Testname: ENGINES9\_15B

1) B

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2) A

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3) A

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4) A

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5) B

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6) A

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7) C

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8) A

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9) A

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10) B

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