

Name _____

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

- 1) Which of the following is NOT a characteristic of satisfactory engine oil? 1) _____
 - A) Resist foaming
 - B) Provide dry friction between moving parts
 - C) Proper viscosity
 - D) Pours at low temperatures

- 2) Oil viscosity refers to which of these? 2) _____
 - 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

- 3) Two technicians are discussing oil filters. Technician A says that the oil will remain perfectly clean if just the oil filter is changed regularly. Technician B says that oil filters can filter particles smaller than the human eye can see. Which technician is correct? 3) _____
 - A) Technician A
 - B) Technician B
 - C) Both technicians
 - D) Neither technician

- 4) Using the wrong oil when changing oil could cause the "Check engine" light to come on. 4) _____
 - A) True
 - B) False

- 5) Which rating is the ACEA rating specified for use by many European vehicle manufacturers? 5) _____
 - A) SAE
 - B) A3/B3
 - C) SM
 - D) GF-4

- 6) Technician A says that some vehicle manufacturers recommend an ILSAC grade be used in the engine. Technician B says that an oil with the specified API rating and SAE viscosity rating should be used in an engine. Which technician is correct? 6) _____
 - A) Technician A
 - B) Technician B
 - C) Both technicians
 - D) Neither technician

- 7) Gasoline and diesel engines use the same type of oil. 7) _____
 - A) True
 - B) False

- 8) Which statement below best defines the term *miscible*? 8) _____
- A) Oil can mix with other oils without causing problems
 - B) The change in viscosity from cold to hot temperatures
 - C) The lowest temperature at which oil will flow
 - D) The oil's resistance to flow
- 9) Which of the following should be used when changing the oil in a car with a gasoline engine made in 2011 or later? 9) _____
- A) SN API
 - B) GF-1 ILSAC
 - C) CE API
 - D) CI-4 API
- 10) Technician A says that the engine oil used should meet the vehicle manufacturer's standards. Technician B says that the specified viscosity of oil should be used. Which technician is correct? 10) _____
- A) Technician A
 - B) Technician B
 - C) Both technicians
 - D) Neither technician

Answer Key

Testname: ENGINES9_15A

1) B

Page Ref: 178

2) B

Page Ref: 178

3) B

Page Ref: 185-186

4) A

Page Ref: 179

5) B

Page Ref: 181

6) C

Page Ref: 184

7) B

Page Ref: 180

8) A

Page Ref: 182

9) A

Page Ref: 180

10) C

Page Ref: 184