

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) The "W" in SAE 5W-20 means _____. 2) _____
 - A) weight
 - B) winter
 - C) with
 - D) without

- 3) A major advantage of using synthetic engine oil is its ability to remain _____ at very low temperatures. 3) _____
 - A) clear
 - B) fluid
 - C) warm
 - D) resistant

- 4) Technician A says that all high milage oils are synthetic. Technician B says that synthetic and mineral oils are miscible. Which technician is correct? 4) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 5) Using the incorrect multi-grade oil can cause the check engine light to come on. 5) _____
 - A) True
 - B) False

- 6) 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? 6) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 7) Which of these oils is recommended by General Motors for diesel engines, beginning in 2011? 7) _____
 - A) Dexos 1
 - B) Dexos 2
 - C) LL-01
 - D) GM 6094M

- 8) Which rating is the ACEA rating specified for use by many European vehicle manufacturers? 8) _____
- A) SAE
 - B) A3/B3
 - C) SM
 - D) GF-4
- 9) Most conventional (mineral) oil is made from what API group? 9) _____
- A) Group I
 - B) Group II
 - C) Group III
 - D) Group IV or V
- 10) Which of the following is TRUE of the properties of engine oil? 10) _____
- A) Engine oil gets thinner when it is cooled.
 - B) Engine oils should not be miscible.
 - C) Engine oil viscosity changes with temperature.
 - D) Engine oil pour point is the highest temperature at which oil will pour.