

Name _____

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

- 1) Engine oil temperature must be above 212°F in order to boil off any accumulated moisture. 1) _____
A) True
B) False

- 2) Technician A says that oil pumps are always driven by the camshaft. Technician B says that oil pumps are always driven by the crankshaft. Which technician is correct? 2) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician

- 3) All of the following statements are correct EXCEPT _____. 3) _____
A) The antidrainback valve determines maximum oil pressure
B) Pressure regulating valves are located at the oil pump outlet
C) Cavitation means the pump draws in air
D) High viscosity oil will have a higher oil pressure than low viscosity oil

- 4) Lubrication between two moving surfaces occurs when an oil film separates the surfaces and supports the load. 4) _____
A) True
B) False

- 5) A typical oil pump can pump how many gallons per minute? 5) _____
A) 3 to 6 gallons
B) 6 to 10 gallons
C) 10 to 60 gallons
D) 50 to 100 gallons

- 6) What type of pump is a typical oil pump? 6) _____
A) Positive displacement
B) Centrifugal
C) Piston-type
D) Hydraulically driven

- 7) The oil pressure in an engine is determined by all of these EXCEPT _____. 7) _____
A) Engine RPM
B) Transmission gear range
C) Oil temperature
D) Oil viscosity

8) Technician A says that most engine wear occurs during engine start-up. Technician B says that engine oil pressure should build at a rate of 100 PSI per 1000 engine RPM. Which technician is correct? 8) _____

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

9) All of the following statements are correct EXCEPT _____. 9) _____

- A) Warning lights are designed to illuminate at 10 PSI to prevent engine damage
- B) Minimum acceptable oil pressure is 10 PSI
- C) Oil pressure warning systems work by completing the ground circuit
- D) All of these are correct.

10) Which of the following is NOT a type of oil pump? 10) _____

- A) Negative displacement
- B) Positive displacement
- C) Rotor
- D) Gear

Answer Key

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- 1) A
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- 2) D
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- 3) A
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- 4) A
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- 5) A
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- 6) A
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