

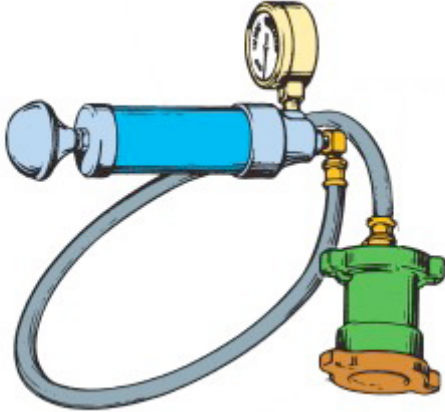
Name _____

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

- 1) Technician A says that a defective thermostat can cause overheating. Technician B says that debris trapped in the radiator fins may cause engine overheating. Which technician is correct? 1) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 2) Which mixture of antifreeze/ water solution below is generally recommended for general automotive use? 2) _____
A) 30/70
B) 50/50
C) 100/0
D) 70/30
- 3) When testing thermostats, technician A uses a pyrometer and says the engine side of the thermostat should be the hottest spot in the cooling system. Technician B says that incorrect ignition timing on older vehicles may be the cause of engine overheating. Which technician is correct? 3) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 4) The normal operating temperature (coolant temperature) of an engine equipped with a 195 degree F thermostat is _____. 4) _____
A) 175 degree to 195 degree F
B) 185 degree to 205 degree F
C) 195 degree to 215 degree F
D) 175 degree to 215 degree F
- 5) All of the following statements are correct EXCEPT _____. 5) _____
A) The radiator outlet is usually at the top of the radiator
B) The radiator inlet is usually at the top of the radiator
C) The water pump usually connects to the lower radiator hose
D) The thermostat usually connects to the upper radiator hose

6) What test is being performed in this illustration?

6) _____



- A) Radiator cap pressure test
- B) Radiator pressure test
- C) Filler neck pressure test
- D) Fuel pressure test

7) Technician A says that you must completely drain coolant before replacing the thermostat. Technician B says that a defective thermostat is always the cause of an engine not getting hot enough. Which technician is correct?

7) _____

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

8) The weep hole on a water pump is located where?

8) _____

- A) Between the impeller and the seal
- B) Between the seal and the bearing
- C) Between the bearing and the engine
- D) Any of the above, depending on engine

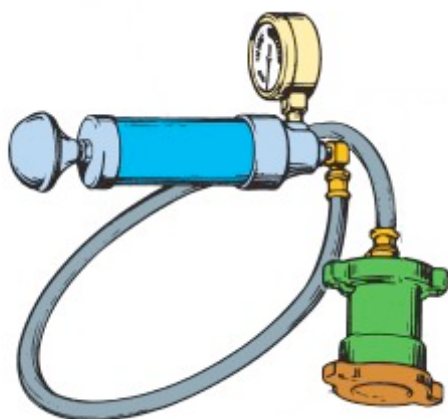
9) Which of these components are NOT used to control an electric cooling fan?

9) _____

- A) A/C pressure sensor
- B) Engine control module
- C) Driver fan switch
- D) Relay

10) While performing the test shown below, the pressure is increased to 15 PSI and then held. The pressure bleeds down to zero after about 5 seconds. What does this indicate?

10) _____



- A) That the component being tested is leaking
- B) That the component being tested is OK
- C) That the radiator is leaking
- D) That the fuel pump check valve is leaking

Answer Key

Testname: ENGINESPERF5_8B

- 1) C
Page Ref: 147
- 2) B
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- 3) C
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- 4) C
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- 5) A
Page Ref: 143
- 6) A
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- 7) B
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- 8) B
Page Ref: 144
- 9) C
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- 10) A
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