

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. What is the primary function of the engine's cooling system?
  - A. Ignite the fuel
  - B. Transfer heat from the engine
  - C. Supply fuel to the engine
  - D. Generate electrical power
  
2. Which component regulates the flow of coolant based on its temperature?
  - A. Radiator
  - B. Water pump
  - C. Thermostat
  - D. Cooling fan
  
3. What does a P0128 diagnostic trouble code (DTC) typically indicate?
  - A. Overheating of the engine
  - B. Coolant temperature below thermostat regulating temperature
  - C. Malfunctioning radiator
  - D. Blocked coolant recovery system
  
4. Which component directly assists in dissipating heat from the coolant?
  - A. Thermostat
  - B. Water pump
  - C. Radiator
  - D. Coolant recovery system
  
5. How does the pressure cap contribute to the cooling system's efficiency?
  - A. By regulating coolant flow
  - B. By increasing the boiling point of the coolant
  - C. By activating the cooling fan
  - D. By filtering the coolant
  
6. Which system stores excess coolant and returns it when needed?
  - A. Coolant recovery system
  - B. Radiator
  - C. Water pump
  - D. Thermostatic spring system
  
7. What propels the coolant through the engine and radiator?
  - A. Radiator fins
  - B. Thermostat
  - C. Water pump (coolant pump)
  - D. Cooling fan

8. Which term does NOT describe the way coolant can flow through various components?

- A. Parallel flow system
- B. Series flow system
- C. Series-parallel flow system
- D. Reverse cooling

9. Which component aids in warming the vehicle's cabin?

- A. Radiator
- B. Thermostat
- C. Heater core
- D. Coolant recovery system

10. Which device or mechanism helps manage the temperature of the coolant when the vehicle is idling or moving slowly?

- A. Cooling fan
- B. Water pump
- C. Radiator
- D. Thermostat

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Chapter 18  
Multiple Choice Quiz A  
Answer Key

1. B
2. C
3. B
4. C
5. B
6. A
8. B
9. C
10. A