

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

1. What is the primary purpose of an immobilizer system?
  - A. To lock the vehicle's doors automatically
  - B. To sound an alarm when the vehicle is tampered with
  - C. To prevent the vehicle from starting or running if the correct key is not used
  - D. To track the vehicle's location using GPS
  
2. Which component in the key fob is responsible for unlocking the vehicle?
  - A. Remote Keyless Entry (RKE)
  - B. RFID system
  - C. Transponder
  - D. Resistor pellet
  
3. Which system is described as having several million different coding possibilities to prevent unauthorized scanning of the ID number?
  - A. RFID security system
  - B. VATS
  - C. Passkey III
  - D. Passlock
  
4. What happens in the "tamper mode" of a security system?
  - A. The security lamp remains continuously on
  - B. The engine starts and runs normally
  - C. The security lamp flashes about once per second
  - D. The engine does not start at all
  
5. Which typical Ford immobilizer system is referred to as "PATS"?
  - A. VATS
  - B. Passlock
  - C. Passkey III
  - D. PATS
  
6. Which Chrysler immobilizer system is commonly referred to as "SKIS"?
  - A. VATS
  - B. PATS
  - C. Passlock
  - D. SKIS
  
7. Which symbol is likely to be displayed on the dash if an immobilizer-related fault occurs?
  - A. "IM"
  - B. A padlock symbol
  - C. The "check engine" light
  - D. The "service engine soon" light

8. What is the primary function of the RFID chip part of the key fob?

- A. To unlock the vehicle
- B. To sound an alarm
- C. To communicate with the immobilizer system
- D. To light up the key fob

9. Which system disables the starter and the fuel injectors as a security measure?

- A. VATS
- B. Passlock I
- C. Passkey III
- D. SKIS

10. Which component in the immobilizer system consists of a coil of wire and a circuit board containing processing electronics and data memory?

- A. Transponder
- B. RFID chip
- C. Antenna
- D. Resistor pellet

Automotive Technology 7th Edition

Chapter 55

Multiple Choice Quiz B

Answer Key

1. C

2. A

3. A

4. C

5. D

6. D

7. B

8. C

9. C

10. A