

Name \_\_\_\_\_

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

- 1) By looking at the way diagnostic trouble codes are formatted, which DTC could indicate that the gas cap is loose or defective? 1) \_\_\_\_\_
  - A) P0221
  - B) P1301
  - C) P0442
  - D) P1603
  
- 2) Technician A says that when the MIL is on, the technician should retrieve the DTC and follow the manufacturer's recommended procedure to find the root cause of the problem. Technician B says that all OBD II monitors must have the enable criteria achieved before a test is performed. Who is right? 2) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
  
- 3) An ignition misfire or fuel mixture problem is an example of what type of DTC? 3) \_\_\_\_\_
  - A) Type A
  - B) Type B
  - C) Type C
  - D) Type D
  
- 4) A U type DTC indicates a problem with \_\_\_\_\_. 4) \_\_\_\_\_
  - A) powertrain
  - B) body and accessories
  - C) communication related systems
  - D) suspension system
  
- 5) Technician A says that a warm up cycle is a trip where the engine reaches at least 160 degrees F. Technician B says that OBD II requires the diagnostic system to monitor all emission-related components and systems. Who is right? 5) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
  
- 6) The comprehensive component monitor checks computer controlled devices for \_\_\_\_\_. 6) \_\_\_\_\_
  - A) opens
  - B) rationality
  - C) functionality
  - D) all of the above

- 7) A freeze frame is generated on an OBD-II vehicle \_\_\_\_\_. 7) \_\_\_\_\_
- A) when a type C or D diagnostic trouble code is set
  - B) when a type A or B diagnostic trouble code is set
  - C) every other trip
  - D) when the PCM detects a problem with the O2S
- 8) Which of these is checked during an OBD II PCM initiated functionality test? 8) \_\_\_\_\_
- A) ECT
  - B) O2 sensor
  - C) Transmission shift solenoids
  - D) Brake switch
- 9) An element of the OBD II diagnostic management system which stores engine data during a DTC set is called \_\_\_\_\_. 9) \_\_\_\_\_
- A) misfire
  - B) vehicle in vehicle out
  - C) freeze frame
  - D) memory account
- 10) In an OBD II system, when all enabling criteria for a given diagnostic is met, it's considered which of these terms? 10) \_\_\_\_\_
- A) A freeze frame
  - B) A trip
  - C) A warmed-up engine
  - D) A tuned engine