

Name \_\_\_\_\_

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

- 1) Technician A says that CO and HC levels should increase if the AIR hoses are pinched off. Technician B says that a defective drive belt may cause AIR system problems. Which technician is correct? 1) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
  
- 2) A P0410 DTC indicates a problem with \_\_\_\_\_. 2) \_\_\_\_\_
  - A) the SAI solenoid
  - B) MAF airflow
  - C) the idle control system
  - D) none of these
  
- 3) What term is used to describe combustion gasses leaking past cylinder rings? 3) \_\_\_\_\_
  - A) Blow by
  - B) Manifold pressure
  - C) Sludge
  - D) Crankcase build-up
  
- 4) All engines are equipped with a PCV valve. 4) \_\_\_\_\_
  - A) True
  - B) False
  
- 5) Where is the output of the AIR pump directed when the engine is cold? 5) \_\_\_\_\_
  - A) Exhaust manifold
  - B) Catalytic converter
  - C) Air cleaner assembly
  - D) To the atmosphere
  
- 6) The PCV system controls which exhaust emission(s)? 6) \_\_\_\_\_
  - A) HC
  - B) CO
  - C) NOx
  - D) Both A and B
  
- 7) Two technicians are discussing exhaust check valves used in SAI systems. Technician A says that they are used to prevent the output from the SAI pump from entering the intake manifold. Technician B says the check valves are used to keep the exhaust from entering the AIR pump. Which technician is correct? 7) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician

8) Technician A says that if a PCV valve rattles, then it is okay and does not need to be replaced. Technician B says that if a PCV valve does not rattle, it should be replaced. Which technician is correct? 8) \_\_\_\_\_

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

9) Technician A says that PCV valves should rattle when shaken. Technician B says that a defective PCV system may cause leaking engine seals. Which technician is correct? 9) \_\_\_\_\_

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

10) The SAI system is used to reduce which exhaust emission? 10) \_\_\_\_\_

- A) HC
- B) CO
- C) NO<sub>x</sub>
- D) Both HC and CO

## Answer Key

Testname: AT6\_87A

1) C

Page Ref: 1008

2) A

Page Ref: 1006

3) A

Page Ref: 1003

4) B

Page Ref: 1004

5) A

Page Ref: 1007

6) D

Page Ref: 1003

7) B

Page Ref: 1006

8) B

Page Ref: 1005

9) C

Page Ref: 1004

10) D

Page Ref: 1006