

Lesson 1- **Auto Service Technology Level 2****Multiple Choice**

Identify the choice that best completes the statement or answers the question.

- _____ 1. Technician A says the connecting rods and crankshaft convert reciprocal motion to rotary motion. Technician B says the camshaft converts reciprocal motion to rotary motion. Who is correct?
- Technician A.
 - Technician B.
 - Both Technician A and Technician B.
 - Neither Technician A nor Technician B.
- _____ 2. Technician A says the crankshaft damper smooths out the power bursts from the engine. Technician B says the flywheel smooths out the power bursts from the engine. Who is correct?
- Technician A.
 - Technician B.
 - Both Technician A and Technician B.
 - Neither Technician A nor Technician B.
- _____ 3. Technician A says a piston receives and transmits motion as a result of pressure changes applied to it. Technician B says a piston is driven by the camshaft. Who is correct?
- Technician A.
 - Technician B.
 - Both Technician A and Technician B.
 - Neither Technician A nor Technician B.
- _____ 4. Technician A says connecting rods prevent the piston from contacting the cylinder walls. Technician B says the crankshaft is driven by the transmission. Who is correct?
- Technician A.
 - Technician B.
 - Both Technician A and Technician B.
 - Neither Technician A nor Technician B.
- _____ 5. Technician A says valve overlap improves engine “breathing” or the flow of air/fuel and exhaust gases into and out of the cylinder. Technician B says valve overlap decreases the efficiency of the engine and causes performance problems. Who is correct?
- Technician A.
 - Technician B.
 - Both Technician A and Technician B.
 - Neither Technician A nor Technician B.
- _____ 6. Technician A says a four-cycle engine has four piston strokes. Technician B says a four-cycle engine has two strokes per cycle for a total of eight piston strokes. Who is correct?
- Technician A.
 - Technician B.
 - Both Technician A and Technician B.
 - Neither Technician A nor Technician B.