

Automotive Technology 7th Edition
Chapter 28: Camshafts and Valve Trains
Short Answer Quiz

Name:

Date:

1. Describe the primary function of a camshaft in an engine.
2. How does the camshaft lobe aid in the functioning of the valves?
3. List three mechanisms by which a camshaft can be driven.
4. What is the term used for the design in which the camshaft is located in the engine block?
5. How are camshafts supported in the 'cam-in-block' design?

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6. Differentiate between pushrod engines and overhead valve (OHV) engines in terms of camshaft location.

7. Where are overhead camshafts typically located in an engine?

8. Explain the overhead camshaft (OHC) design in relation to its placement in the engine.

9. What classification is given to an engine that has a single overhead camshaft for each bank of cylinders?

10. What component ensures the valve closes after the camshaft rotates off of the lobe?