

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

# Four-Stroke Engine

- |   |                           |
|---|---------------------------|
| 1. space in which a piston travels  | A. exhaust                |
| 2. to produce a loud sound  | B. air filter             |
| 3. valve which opens during the proper time to allow the air/fuel mixture to be drawn into the cylinder                                       | C. plastigage             |
| 4. condition in which the air/fuel mixture becomes ignited before the spark plug fires  | D. service classification |
| 5. device which mixes air and fuel  | E. exhaust valve          |
| 6. process of getting fuel and air required for combustion  | F. compression            |
| 7. ignition of air/fuel mixture   | G. piston                 |
| 8. auto-ignition of the air/fuel mixture caused by high cylinder temperatures and pressures   | H. journal                |
| 9. valve which opens during the proper time to allow the used air/fuel mixture to be released from the cylinder                               | I. crankshaft             |
| 10. bearing on which the crankshaft rotates   | J. dual-element filter    |
| 11. component in an engine which moves up and down due to pressure  | K. power                  |
| 12. compression of air/fuel mixture in the cylinder   | L. intake valve           |
| 13. release of the used air/fuel mixture  | M. telescoping gauge      |
| 14. turns reciprocation motion of the piston into a rotating motion   | N. SAE                    |
| 15. a cleaner attached to the carburetor that is designed to remove dirt and dust from the air before it mixes with the fuel                  | O. pre-ignition           |
| 16. gasoline is usually designated by this number- ex. 87,89,93   | P. detonation             |
| 17. most manufacturers of small gas engines recommend the use of oil with a _____ of SE,SF,SD, or SC- it is clearly marked on every container | Q. carburetor             |
| 18. oil is also rated according to the _____ , or thickness of the oil  | R. cylinder               |
| 19. professional association and standard development organization with a special focus on transport sectors                                  | S. octane rating          |

- |   |              |
|---|--------------|
| 20. both a dry element filter and an oil-foam cover   | T. resonate  |
| 21. this tool is used to analyze a cylinder for wear once the piston, rings, and connecting rod are removed | U. viscosity |
| 22. a ____ is used to measure connecting rod bearing clearance  | V. intake    |