What is the function of the following engine components?

1. Camshaft ___
2. Intake manifold ___
3. Pistons ___
4. Carburetor ___
5. Distributor ___
6. Timing Cover___
7. Ignition Coil ___
8. Oil Pump ___
9. Exhaust Valve ___
10. Cooling Fan ___
11. Crankshaft ___
12. Hydraulic Valve lifter ___
13. Radiator Hoses ___
14. Rocker Arm ___
15. Valve Cover ___
16. Throttle Body ___
17. Timing Belt ___
18. Flywheel ___

19. Starter/solenoid ___
20. Timing chain tensioner ___
21. Valve spring ___
22. Cylinder head ___
23. Vacuum advance ___
24. Oil Pan ___
25. Push Rods ___
26. Ignition wires ___
27. Cylinders ___
28. Alternator ___
29. Fuel Filter ___
30. Main and Rod bearings ___
31. Water pump ___
32. Air filter ___
33. Thermostat ___
34. Oil pressure relief valve ___
35. Engine block ___
36. Ignition Module ___
37. Battery ___
38. Connecting Rods ___
39. Spark Plugs ___
40. Fuel Pump___
41. Intake Valves ___
42. Motor Mounts ___
43. Radiator ___
44. Exhaust Manifold ___
45. Oil Filter ___
ENGINE COMPONENTS IDENTIFICATION ANSWERS

A. Pumps coolant through engine and radiator  
B. Allows air/fuel into cylinder  
C. Removes impurities from engine oil  
D. Ensures timing chain has correct tension  
E. Main unit of engine assembly containing cylinders  
F. Controls amount of air entering intake manifold  
G. Removes dirt from air entering engine  
H. Routes high voltage sparks to spark plugs  
I. Fuel system component which mixes air with fuel  
J. Large round openings in engine block  
K. Link between valve lifter and rocker arm on OHV engines  
L. Routes sparks to cylinders in correct order  
M. Closes intake and exhaust valves  
N. Pumps fuel through fuel system  
O. Used to crank engine for starting  
P. 12 volt power storage unit  
Q. Connects pistons to crankshaft  
R. Controls engine temperature  
S. Routes exhaust gasses to exhaust system  
T. Electronic Ignition system control unit  
U. Routes air/fuel mixture to cylinder head  
V. Drives crankshaft/camshaft in correct synchronization  
W. Releases excess oil pressure  
X. Mounts engine in vehicle  
Y. Routes engine coolant from radiator to engine  
Z. Contains intake and exhaust valves  
AA. Causes air to flow through radiator  
BB. Charges electrical system  
CC. Large toothed wheel linking engine to transmission  
DD. Fires air/fuel mixture  
EE. Surfaces that support crankshaft and connecting rods  
FF. Pivots to open intake and exhaust valves  
GG. Allows exhaust out of cylinder  
HH. Develops high voltage sparks  
II. Removes impurities from fuel  
JJ. Pumps oil through engine  
KK. Main engine shaft driven by pistons  
LL. Uses vacuum to control ignition timing  
MM. Removes heat from engine coolant  
NN. Uses oil pressure to open and close valves  
OO. Controls opening periods of intake and exhaust valves  
PP. Covers top of cylinder head  
QQ. Reservoir for lubrication system  
RR. Reciprocating parts which fill engine cylinders  
SS. Covers engine timing components