

22-AUTOMOBILE AIR CONDITIONING

Name _____

Date _____ Period _____

Instructor _____

Grade _____

Quiz 1

■ Match the statements and the terms. Neatly print the appropriate letter in each blank. Note! Read one statement; then, read through all of the terms until the correct response is found.

- _____ 1. Removes heat from refrigerant, transfers heat into outside air.
- _____ 2. Reduces pumping noise and line vibrations.
- _____ 3. Used to estimate the approximate quantity of freon in system.
- _____ 4. Meters amount of refrigerant entering evaporator.
- _____ 5. Permits air conditioning system to be evacuated and filled.
- _____ 6. Controls action of expansion valve.
- _____ 7. Used to engage and disengage compressor.
- _____ 8. Removes moisture from refrigerant.
- _____ 9. Squeezes refrigerant to around 100 to 250 psi (689 to 1 723 kPa).
- _____ 10. Its temperature varies from 33 to 60°F (0.6 to 15.6°C).

A. Receiver-dehydrator
B. Thermistor valve
C. Evaporator
D. Regulator

E. Expansion valve
F. Condenser
G. Magnetic clutch
H. Muffler

I. Sight glass
J. Compressor
K. Service valve
L. Thermal bulb