

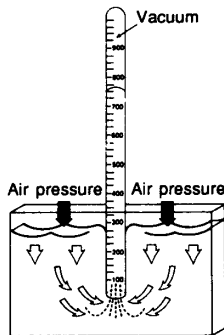
M O D E R N E A R T H S C I E N C E

Section 23.1

Characteristics of the Atmosphere

Choose the one best response. Write the letter of that choice in the space provided.

- _____ 1. In which layer of the earth's atmosphere is most ozone found?
 a. troposphere b. thermosphere c. stratosphere d. mesosphere
- _____ 2. Which of the following is a unit used to measure atmospheric pressure?
 a. millibar b. newton c. milligram d. degree
- _____ 3. Water vapor is added to the atmosphere primarily by:
 a. convection. b. evaporation.
 c. condensation. d. precipitation.
- _____ 4. Acid rain usually results when water vapor in the atmosphere combines with:
 a. ash blown from forest fires.
 b. products formed from the breakdown of ozone.
 c. gases from aerosol cans.
 d. gases emitted by the burning of fossil fuels.



- _____ 5. Which of the following meteorological instruments does this illustration represent?
 a. altimeter
 b. mercurial barometer
 c. thermometer
 d. aneroid barometer

Complete each statement by writing the correct term or phrase in the space provided.

6. The most abundant compounds in the earth's atmosphere are water vapor and _____ .
7. The ratio of the weight of air to the area on which it presses is called _____ .
8. The layer of the atmosphere closest to the earth's surface is the _____ .
9. Any substance in the atmosphere that is harmful to organisms or property is called _____ .
10. The general condition of the atmosphere at a particular time and place is called _____ .