

## Self Tests

### Match the Following

- |   |                |
|---|----------------|
| ___ 1. Weather element that <i>always</i> decreases with increasing height                                | a. outgassing  |
| ___ 2. The most abundant greenhouse gas in the earth's atmosphere   | b. ionosphere  |
| ___ 3. Layer of the atmosphere that contains almost all the weather                                       | c. water vapor |
| ___ 4. The outpouring of gases from the earth's hot interior  | d. anticyclone |
| ___ 5. Gas that strongly absorbs ultraviolet (UV) radiation in the stratosphere                           | e. lapse rate  |
| ___ 6. The average decrease in air temperature with increasing height above the surface                   | f. wind        |
| ___ 7. A measured increase in air temperature with increasing height                                      | g. troposphere |
| ___ 8. The electrified region of the upper atmosphere   | h. gravity     |
| ___ 9. The study of the atmosphere and its phenomena  | i. inversion   |
| ___ 10. A storm of tropical origin with winds in excess of 64 knots (74 mi/hr)                            | j. hypoxia     |
| ___ 11. The horizontal movement of air  | k. meteorology |
| ___ 12. A relatively small, rotating funnel that extends downward from the base of a thunderstorm         | l. pressure    |
| ___ 13. It holds a planet's atmosphere close to its surface   | m. front       |
| ___ 14. On a weather map, this zone marks sharp changes in temperature, humidity, and wind direction      | n. hurricane   |
| ___ 15. A towering cloud (or cluster of clouds) accompanied by thunder, lightning, and strong gusty winds | o. ozone       |
| ___ 16. A condition caused by a lack of oxygen to the brain   | p. tornado     |