

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

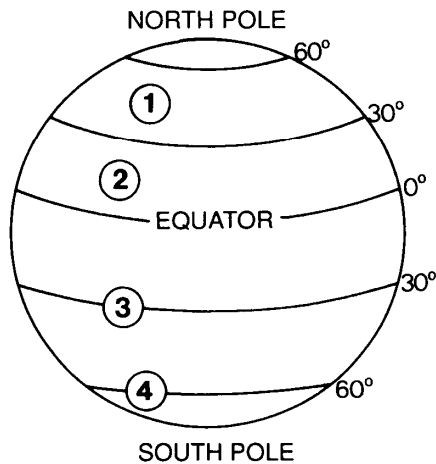
**Section 23.3
Winds**

Read each statement below. If the statement is true, write *T* in the space provided. If the statement is false, write *F* in the space provided.

- _____ 1. A sea breeze generally occurs at night.
- _____ 2. Polar easterlies are generally strong winds.
- _____ 3. The positions of the global wind belts shift during the year.
- _____ 4. In the Northern Hemisphere, the Coriolis effect deflects surface winds to the left.
- _____ 5. A mountain breeze is created when cooler air descends from mountain peaks.
- _____ 6. Areas close to the equator have low atmospheric pressure due to ascending air.

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

- _____ 7. How many convection cells are in the Southern Hemisphere?
 - a. 3
 - b. 4
 - c. 6
 - d. 8
- / _____ 8. Near the equator, the narrow zone formed by the convergence of the trade winds is called the:
 - a. horse latitudes.
 - b. jet stream.
 - c. prevailing westerlies.
 - d. doldrums.
- _____ 9. The general direction of flow of the jet stream is toward the:
 - a. north.
 - b. south.
 - c. east.
 - d. west.



- _____ 10. Which number represents the location of the subpolar lows?
 - a. 1
 - b. 2
 - c. 3
 - d. 4