

**11** Which process moves water from the surfaces of the mesophyll cells into the air spaces during transpiration?

- A** active transport
- B** circulation
- C** evaporation
- D** osmosis

**13** Which environmental conditions will result in the highest rate of transpiration?

|          | high air humidity | very windy | low air temperature |
|----------|-------------------|------------|---------------------|
| <b>A</b> | no                | no         | yes                 |
| <b>B</b> | no                | yes        | no                  |
| <b>C</b> | yes               | yes        | yes                 |
| <b>D</b> | yes               | no         | no                  |

**15** Which conditions cause the highest rate of transpiration?

- A** high temperature, high wind speed and high humidity
- B** high temperature, high wind speed and low humidity
- C** low temperature, low wind speed and low humidity
- D** low temperature, low wind speed and high humidity