

28 What causes water to move from the root hair cells to the endodermis?

- A** diffusion through cell walls and osmosis down a water potential gradient in the cytoplasm
- B** diffusion through the symplast and osmosis and root pressure through the apoplast
- C** osmosis from cell vacuole to cell vacuole and active transport into the endodermis
- D** osmosis through the intercellular spaces and diffusion in cell walls and cytoplasm

28 Which statement describes movement through a plant in the apoplast pathway?

- A** Water moves through the cell walls.
- B** Water moves through the cytoplasm.
- C** Water moves through the plasmodesmata.
- D** Water moves through the vacuoles.

29 What is the correct name for the attraction due to the hydrogen bonding between water molecules during mass flow in plants?

- A** transpiration
- B** cohesion
- C** tension
- D** adhesion