1. Water will be absorbed by root hair when
   a. Concentration of solutes in the cell sap is high
   b. Plant is rapidly respiring
   c. They are separated from soil by semi-permeable membrane
   d. Concentration of salts in the soil is high
2. The principal pathway by which water is transported in angiosperms is
   a. Xylem vessel system
   b. Xylem and phloem
   c. Sieve tubes of phloem
   d. Sieve cells of phloem
3. Due to high temperature the rate of transpiration will
   a. Increase
   b. Decrease slowly
   c. Decrease rapidly
   d. Remain unaffected
4. Which of the following is not a function of transpiration?
   a. Excretion of minerals
   b. Cooling of leaves
   c. Uptake of water
   d. Uptake of minerals
5. The transpiration in plants will be lowest
   a. When there is high humidity in the atmosphere
   b. There is excess of water in the cell
   c. Environmental conditions are very dry
   d. High wind velocity

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