

# Student Quiz

## Understanding Water Temperature

1. Which of the following statements is false?
  - A) Scientists measure water temperature in degrees Celsius (°C).
  - B) Water freezes at 32°C.
  - C) Water boils at 100°C.
  - D) None of the above.
2. Water temperature affects which of the following?
  - A) Metabolic rates of aquatic organisms
  - B) Rate of plant photosynthesis
  - C) Timing of reproduction and migration in many species
  - D) All the above
3. Which of the following statements is true?
  - A) Water temperature typically decreases with depth.
  - B) Water temperature typically increases with depth.
4. Which of the following statements is true?
  - A) Water temperatures are highest during the winter and lowest during the summer.
  - B) Water temperatures are highest during the summer and lowest during the winter.
5. Thermal pollution is the artificial warming of natural water bodies. Which of the following is NOT a source of thermal pollution?
  - A) Roads
  - B) Parking lots
  - C) Automobiles
  - D) Power plants