

# October test

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First : Choose the correct answer :

1. The aquatic environment for marine organisms is.....
  - a. O homogeneous mixture, in which water is the solvent
  - b. O A heterogeneous mixture, in which water is the solvent
  - c. O homogeneous mixture, in which water is the solute
  - d. O A heterogeneous mixture, in which water is the solute
2. Which of the following properties is not considered a colligative property of water?..
  - a. O Vapor pressure of the liquid
  - b. O Osmotic pressure
  - c. O Boiling point
  - d. O Specific heat capacity
3. When does the liquid reach the dynamic equilibrium state?.....
  - a. O When the evaporation rate is higher than the condensation rate
  - b. O When the evaporation rate is equal to the condensation rate
  - c. O When the condensation rate is greater than the evaporation rate
  - d. O When evaporation continues and condensation vanishes
4. What happens to vapor pressure of the liquid when its temperature increases?.....
  - a. O Increases
  - b. O Decreases
  - c. O Not affected
  - d. O Becomes zero
5. What is the relationship between the number of solute molecules in a solution and its vapor pressure?..
  - a. O Inverse relationship
  - b. O Direct relationship
  - c. O No relationship
  - d. O Variable relationship
6. What is the relation between the decrease in the vapor pressure of a solution and the number of solute ions in the solution?.....
  - a. O Inverse
  - b. O Direct
  - c. O Constant
  - d. O Increasing then decreasing