

● What happens to vapor pressure of the liquid when its temperature increases?.....

- a. Increases b. Decreases c. Not affected d. Becomes zero

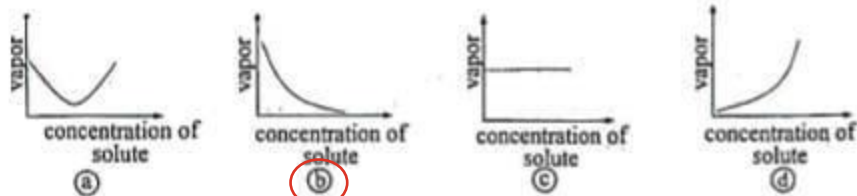
● What is the relationship between the number of solute molecules in a solution and its vapor pressure?..

- a. Inverse relationship c. No relationship
b. Direct relationship d. Variable relationship

● What is the relation between the decrease in the vapor pressure of a solution and the number of solute ions in the solution?.....

- a. Inverse c. Constant
b. Direct d. Increasing then decreasing

● Which of the following graphs represents the relation between the concentration of solute ions in the solution and the vapor pressure of the liquid?.....



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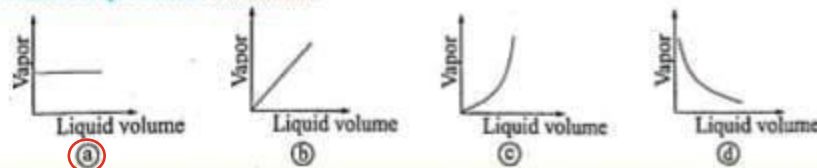
● What are the consequences of using salt or sugar in preserving some beverages?.....

- a. Increasing the liquid vapor pressure c. Decreasing the liquid vapor pressure
b. Improving the taste only d. Decreasing the liquid boiling point

● The following solutions have equal concentrations, which of them has the least vapor pressure?.....

- a. NaCl b. CuCl_2 c. $\text{Al}(\text{NO}_3)_3$ d. HCl

10. Which of the following graphs correctly represents the relation between the volume of a liquid and its vapor pressure at constant temperature?.....



● What happens to the vapor pressure of a pure liquid in a closed container when the amount of liquid is doubled at the same temperature?.....

- a. It increases c. It remains constant
b. It decreases d. It increases or decreases according to liquid type