

Question of Chemistry at exam

-What are the most important nutrients? Why these are the most important? Describe and write with diagram concentration.

-Do you remember the vertical concentration of Alkalinity? Which is regular?

-Speak about total carbonates in the ocean.

-Why is the most predominant element in the ocean?

-Which are 3 species that form the total carbon? Why?

Why is the PH? Draw the diagram about concentration of PH into the close system.

-Temperature, pressure and salinity how these variable are corelate and influence each other? How Temperature, pressure and salinity grow?

-The atmosphere in the ocean. The dissociation increase in faction of the pressure , but is the same for Calcium Carbonate?

-The electrostriction, why we have the hydration cells? Why occupy the same volume about the electronic attraction.

-Orientation of hydrogen of pure water and into ocean.

-What is alkalinity? Definition about Alkalinity.

-How H1 and H2 change with pressure temperature and salinity condition.
Electrostriction

-What's happened to solubility of gas changing in relationship between pressure, temperature and salinity.

-Graphic about Calcium Carbonate, Calcite and Aragonite. What is the level of saturation defined?

-How is behaviour of Omega about vertical parameter of saturation?

-Which are the processes that effect for total alkalinity?

-What is the most important process of Marine Aerosol? The Ocean influence on the Atmosphere? How?

-Important definition about salinity, very important because influence the equilibrium constant and is different respect general definition.

-Which is the effect of the salinity in equilibrium constant, What happens with calcite and Aragonite?

-Chemical equilibrium equation for oceanic system in open system. Diagrams of ph

-Effect of the seawater on the climate? Primary emission of the sea into the atmosphere or part of secondary emission of the sea? Primary. Do you remember the meccanism? The principle is Bubble Basting.

Why we simplify the condition of electroneutrality?

Why salinity is very important and 3 definition of salinity.