

erties, *e.g.* thermal properties, solvent power, dielectric constant, surface tension, which together result in maximal fitness in certain respects, *e.g.* mobility, ubiquity, constancy of temperature and richness of the environment, richness of the organism in chemical constituents, variety of chemical processes, electrical phenomena, colloidal phenomena.

- b.* Carbon dioxide possesses very unusual properties, *e.g.* magnitude of absorption coefficient, strength as acid, which together result in maximal fitness in certain respects, *e.g.* mobility, ubiquity, richness of the environment and organism in other elements and compounds, constancy of reaction, etc.
- c.* Chemical compounds containing carbon, hydrogen, and oxygen possess unique properties, *e.g.* number, variety, complexity, activity, variety of chemical