

Problems from Chapter 19 – Enzymes and Vitamins

Some of the problems require that you use table 19.2. If you require that table to answer a problem on a test a similar table will be provided.

19.20, 19.21, 19.22, 19.23, 19.24, 19.25, 19.26, 19.27, 19.28, 19.29, 19.32, 19.33, 19.34, 19.35, 19.36, 19.37 (a) (b), 19.38, 19.39, 19.41, 19.45, 19.46, 19.47, 19.49, 19.50, 19.51, 19.52 (In (b) Assume that the initial solution has a pH equal to that of the environment of the enzyme in the organism. (c) Consider enzymes in which –S-S- are important to the over all structure, or that use a –S-H (thiol) group in the chemical reaction that takes place at the active site.), 19.53, 19.54, 19.57, 19.58, 19.59, 19.60, 19.61, 19.63, 19.65, 19.67, 19.68, 19.76, 19.78, 19.79, 19.80 (This type of problem will not be on the April 17 Exam, but it may well show up on the final.), 19.83, 19.84 (For this class this is a challenging problem.), 19.85