## CHEM523 Homework 1 Key

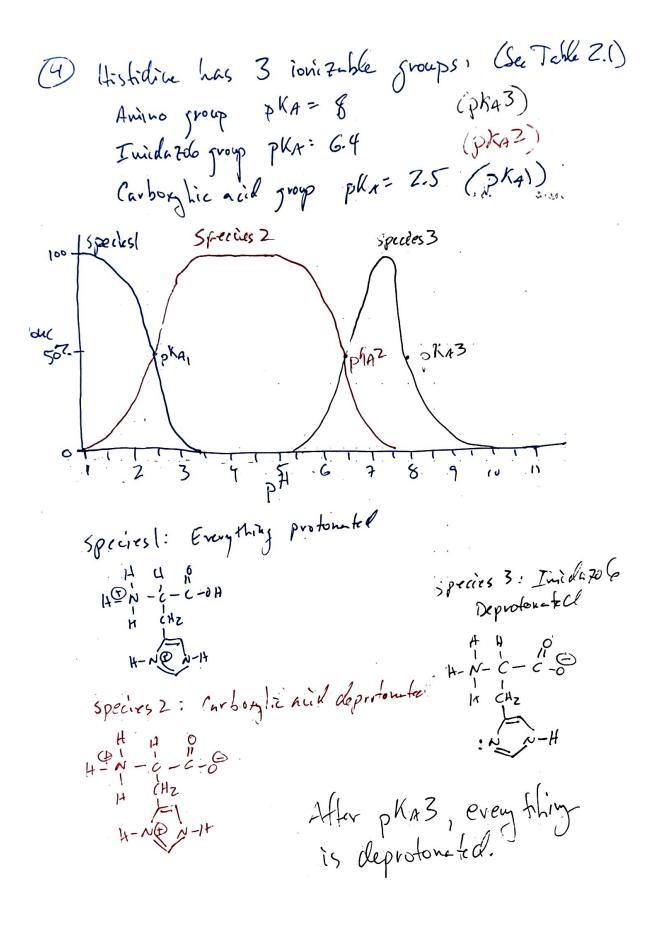
- DA Proline, Pro, P B) Tyrosine, Tyr, Y C) Cencine, Len, L D) Lysine, Lys, K
- (2) a) Pro, len
  b) Lys
  c) Lys
  d) Lys
  c) Tyr
- (3) 61y-His C PH 5.5

  H H O H O H O H Charge

  H-N-C-C-C-N-C-C-O H Charge

  H-N-C-C-C-N-C-C-O D Charge

  H-N-C-C-C-N-C-C-O D Charge



Jon-Dipole
Dipole-Dipole
Dipole-Dipole
Dipole-Induced Dipole
London dispussan forces