- 5. Which of the following pairs, in equimolar amounts, would result in an acidic buffer solution?
 - (i) CH₃COOH/CH₃COO-
 - (ii) H_2CO_3/HCO_3^-
 - (iii) NH₃/NH₄⁺
 - (iv) H₂SO₄/HSO₄-
 - (v) CH₃NH₂/CH₃NH₃⁺
 - (a) i, ii and iv
 - (b) iii and v
 - (c) ii, iii and v
 - (d) i and ii