lo determine alkalinity of given sample H2504_req = float(input("Enter the volume ofH2504 required in #1:")) Sample = {!oat(input("Inter the value of sample inlitres:")) Alkalinity_Removed = H2SO4_req print("Alkalinsty_Removed: ".Alkalinity_Bemoved, "'mg") Alk_agreelst ~ Alkalinsty_Bemoved/ Sample print(lotalAlkalinity: ",Alk_mgperlit,"mg/llt") OH* float (Input("Inter the value of O%-Alkalinity present : ")) mAikalinity removed till pit of 8.3 H2S04_reg = float (Imput("Enter the volume ofH2S04 required in ml :")) Altalinity_Removed = H2S04_req print(Aikalimity_Removed: ",Alkalimity_Removed, "mg") CO3_Combined * Alkalinity_Removed/Sample print ("Carbenate Alkalinity upto pH8.3:",603_Combined, "mggerlit") CO3 = CO3_Combined- Oil print("Carbonate Askqlimity:", cos,"'mg/llt") MCO3 -Alk_sgperlit - 2003-000 print("Bicarbonate Aikalinity:", HCO3, "mg/lt") Enter the volume of 2504 required in ml:30 Enter the value of sample inlitres:0.2 Alkalinity Removed: 36.0 100 TotalAlkalinity: 150.0 #8/15t Enter the value of OH-Alkalinity present : 5 Enter the volume of 12504 required in ml :11 Aikalinity_Removed: 11.0 m Carbonate Alkalinity upto ph8.3: 55.0 mgperlit Carbonate Alkalinity: 50.0 < mg/lit

Bicartonate Alkalinity: 45.0 mg/lt