CHEM1902/1904 2006-N-2 November 2006

• Calculate the pH of a solution that is prepared by mixing 750 mL of 1.0 M potassium dihydrogenphosphate with 250 mL of 1.0 M potassium hydrogenphosphate.	Marks 2
For H_3PO_4 , $pK_{a1} = 2.15$, $pK_{a2} = 7.20$, $pK_{a3} = 12.38$	
Answer:	