- 1) Does not ionice very well. Kw is a small number.
- 2 [OH] The concentration of Molarity.
- 3 1×10-7 M = [H] No, more temperature means an increase in ionization.
- (4) It is greater than 1×10-71 or [OH]
- (5) the -log[H30] = pH
 - @ that it is a number to which the power is raised by base 10. Example 107187.
- (G) A) Neutral (F) Acidic (B) Basic (G) basic
- @ Neutral
- (d) Acidia
- @ neutral
- (8) @ [H30+] = 0.030M HC KW = [OH] = 1.0410-M = 3.33×10-3M
- (B) [OH] = 1×10-4M [H30+] = Kw = 1×10-14 = 1×10-10 M
- @[H+] = 5010-3M [OH] = KW = 1x10-14 = 2x10-12 M
- (P) [U+1] = .020M [14] = Kw 1/1014 = 5x1043 M
- @ @ pH=-log [H] = -log (1.0×102M) pH = 2
 - (B) pt1 = -log (1.0×10-3M)
 - O pH=-log[47]=-log 1×10-5 = 5
- (D) to ph=-log[H+] = -log(1x164M)=4
- (10) @ [OH] = 1 × 10-4 M [14] = KW = 1x10-14 = 1x10-8 M PH = -log 1×108 -[8]
- [OH] = |x10-9M [H30+) = KN [N10-9] = |x10-5M -log[1x10-3]=[5]
- (C) pH=-log[1x10-12]=12 [OH] = 1×10-24 [H] = KW = (×10-14 = 1×10-12M
- (OH-)=|X10-7M