1700505 Kittel TP2. 4 (a) 49=26+10+8 Dandlan Chang A A T letters #15 symbols?  $= \frac{1}{44} = \frac{100000}{1000} = \frac{-164345}{100}$ Tala 5 = P.Y. P.X = 10055 (b) Each monkey types approx. 1019 sequences, Thus there we approximately 10 ×109=109 sequences 29 × 10 = 164316 G see + 83 3 the patential of a dipole, expensive of 11 (20) = Kp [ - | N [036] + 0 | N [016] + -- ] 30 kp 8 & - CALLER & LOS BI take gar 1 p /2, congain 9 ( +>0 +) = \$ 269 0 + P P [056] 5.613 We premily obtained for 1-7 a J 20 CESDW