CPSCSON Corp Sphers Prodeles II. Homework #3 Bon Walker Landed was, 3,2,2,0 convected valer, 3,3,3,2,2,2,9 probability = (1-p) + 4/8
= 1-p) + 1/8 consider 1025, 3,2,2 converse probability= (1-p) * 1/4 = 1/4 - 1/4 p. = - 1/4 p + 1/4 2.A. 00000, 01101, 10110, 11011 B. 01101 (0110 Minimum hammy B. 01101 (0110) Distance is [3]

Hott 01101 (mhd)

C. Max norber of detectable reliably bit errors=

mnd-1=3-1=2 D. Max number of converted reliably bit errors =

L mhd/2 1 = 13/2 1 = 1

3. Mean time to failure is average of failure

times -> (30+60)/2 = 75 days/MTTF

4. A. idle = 1-12*1) B. one Reguest = philip

C. multiple Request = (n-1) * p

D. one Request = 0.05 = 0.00000625 5. Interrupts have priorities to make it easien to hardle multiple interrupts especially unmotable interrupts (like unreceverable errors). I the unmotable interrupts reed to have the higher providy to protect system resources.

6. Average Merrory Access Time = HITTIME + Miss Rate × Miss Rally
= 1+75
= [76 ms]