LSCI 104 HW 5 Counting Problems 2 total (Unbinations = 7x 5! = 7 x 120 = 840 from each of the 840 Subsets we can create 5! Combinations 51 x 840 - 100800 (antingtions LStilnys) 13 × 12 × 11 = 858 2. 16 sonss in I how 3, 7 cosples I couple fought 15 Sungs to 6 couples 13 sungs played, 2 need to listoilled 5+4+3+2+1=15 V + otal Combinations = 17 Ч. 2 noles = 2 trees 3 nous = 5 trees 17 N-LOS = 29c/2 = 208012 (100+ is fixed) 13 total Combinations = 708012/2 = 109006 (light child is fined) HH1 = 104006 + 104006 - 28000 Cuppras)

One norse can Serve: 1+k putiums Cour norses: 4 + & 11; Max putients in one time 570+ in one time slot; putients server by each of the nurses