a.5, a) i) Poob. that any station can rend a frame in the first slot: P(success) = P(A only) + P(B only) + P(C only) = PA. PB. PC + PA. PB. PC + PA. PB. PC -(0.2)(0.7)(0.6) +(0.8)(0.3)(0.6)+(0.8)(0.7)(0.4) ii) Ross. Het A succeeds for the first time in 2nd Not. PARES = PARB-PC = (0.2)(0.7)(0.6)= 6.084 Pari = 1-0-084 = 0,916, P(A meeds in 2nd shot for the frost time)= 0,916 x iii) hot, that a much for the first some is 3 th slot Pc = Pc. A-PB = 0.224. Pcfail = 1-0.224 = 0.776, PCC succedo in 3of elos for the first bone) = (0.776) - (0.224) = 6-134746