WY NAGDA Page No. BE-IT 92. b) 1000 frame -Tfr = 200/200 kbps or IMS If system creates 1000 frames per second. then 9=1 S= 9 x e- 29 = 0.135 (13.5 percent) This means, theoryghput 2 1000x 0.135 = 135 frames 500 frames per second. or 1/2 frame per millise cond. Then G=1/2 S- 9xe-29 = 0.184 (18.4 percent) This means, theroughput = 500×0184 = 92 frames only 92 frames will survive out of 500 frames 250 frames por second, or Yu frames per millise cond. then G= 14 S-Gxe-29=0152 (15-2 percent) This means, throughput = 250 × 0.152 = 38. frames Only 38 frames out of 250 will survive