Withe following Criteria Should be maximaize: CPU intilization, throught. (2) The Collwing sheduling algorithm are often use for a long term (s, addicite) scheduling: STESRTE (x) (3) A process running in parallel may be excute " simut anopuly on signle core consumently on multiple core concurrently on single core. (4) All thread bolong to the same process have the some : code section, data section, as usaure. Q: Colculate Prediction of the next CPU burst, given that it initial birst is equal to 5 ms and the part history is 0.3 So the weigh is 1-0.3:0.7 0.76 sho Ilab :: 03 Wenter 31:0.7 × 5. 3.5 ms Z2:0.7 * 35+0.3 +5= 3.95 ms Z2.0783.95+0.3*3.5: 3.815 ms 24:0.7×3.815+0.3×3.95:3.855 ms Zx=0.7*3.855+0.3*3.815:3.843ms Q: if the priority secheduling algorithm 8 bit giving that the lowest number is the highest priority, and the highest number is the buest number. uplue of 23 contract decimals binary in 28-1:255 - what is the value of highest priority? . what is the time require to prevate the priority of the the process from the lowest to highest? to increment the process priority every 2 min? 255, (255-0) x2 = 255×2 = 510 min & 9 hours