24 17.03.24 EXPERIMENT 5 (E) SRTF COV SCHEDULINA to implement shortest remaining Time First scheduling. ALMORITUM STEP O: START STEP 1: Declare variables natibitient, wt, temp, tat, p, smallert, count=0 time STEP 2: set avgut=0 and avgtt=0, end=0 STEP 3: Input number of proller of n STEP 4: set i=0 STEP 5: scan can arrival ume and burut time from will STEP b. set 1cmp (i) = bx(1) STEP 7: Invenent i STEP 8 : Perat STEPS 5-7 until i ~ n STEP 9: set time = 0 & 1=0 STEP 10: If [at[i] L=time] and bt[i] Lbt(smallet) and bt(1)70 men jet smallet =1 STEP 11: Invenent i STEP 12: Repeat STEPS 10 & 11 until jen. 13: Decrement by Comallect STEP STEP 14: If bt[smallet] = 0, then 1) Invenent count.

ii) end= turne+1 iii) ct[smallert] = end iv) wt (smallert] = end-at(smallert] -temp [smallert] v) tat [imallert] = end-at [imallert] STEP 15: Inhlment time STEP 16: Repeat STEPS 10-16 unil wunt not cause 10 n STEP 17: Print the table of proces, arrival time, Burit time, compile Time Turnthound Time, waiting Time STEP 18: Set i=0 and repeat the STEPS till 20 ynll 1Kn STEP 19: Print each proven and Maurice items STEP 20: Augst += tat[i] & Avgtut+= wt[i] and innements STEP 21: Print Average Turn Avour a rime STEP 22: PMNt Average waiting Time STEP 23: Pount nant chart STEP 24: END