DARIE CON 315738600 777 05 HW-2 20823C888 NW NO.F TOOLS PROOF & PMD SOND ESTE , Jets 1500 D who kand con - o so a share & absent برورد الرد على برواع وسد حالم ي در المان وروار على المان وروار على المان وروار على المان وروار على المان المان والمان وا 40
T-1,T2,T3
TO SEED CPU 5-9608 - 1/25] P-1, P2, P3

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TO 3 9608 G[AS] P-1, P2, P3

TO 3 9608 G[AS] P-1, P2, P3

TO 3 9608 G[AS] P-1, P2, P3 , CPUNT Pase Ty rollis] Coster (cfs - CPU ase [s) CPU & 7[As) - CXXW CONT - Zoral[1] 9 Ilo = 6 Ibo Q=1 CPU = 1 QU=100 CPU=1 ~ 386c ~ UT = 25. (7+ 20) TA(T4) = 201T - SXATT = 25(7) = 350 [MS] = 275 [MS] C7+4) O+DQ-N, N=? -> UT= 70% (MSP 7'DON 70' FDES) دعلا عنظ احماد عد م دولا , دومد صهده مرجالاد רב קאחר ססר פרני צען ניבן קנמר מצה יף פרסת כך עד על עלץ. $UT = \frac{3 + 700 + 4}{3 + 100 + 4} = 0.96 = 96\%$ Thus Ty enth 273 70% (D) (De0) TA (T4) = (100+3+4) = 707[ms]

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6

-

6

G_y

6

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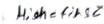
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5



3 Non Preentive - 805, 4 Papy, Wi, 52

W=3, W=3, W=1, W=4 Q=0 t=5, t=2, t=8, tu=4 Q=0

(U4 -1 W1 - W3

1 2 1 12 13 14 19 111

D TA = EndT - careT TA ((w1) = 9 - 0 = 9 TA ((w1) = 4 , TA ((w3) = 19 - 2 = 77 , TA ((w2) = 17 - 1 = 10)

@ OPZions (W=equal) = 2 . 2 = 4 . Wir the -oran, telm W, 8 mors purs

QDA - Phocess waits for signal

 $\mathcal{B}\mathcal{O},\mathcal{O},\mathcal{O},\mathcal{O},\mathcal{E},\mathcal{E}$

(a)
$$P_1, P_2, P_3, P_4$$
 $P_4 \rightarrow P_2 \rightarrow P_3 \rightarrow P_4$
 $S, 4, 3, 2$
 $Mean TA = ?$

(b) $P_4 = P_4 + P_5 \rightarrow P_4$
 $P_4 = P_5 \rightarrow P_5 \rightarrow P_4$
 $P_5 \rightarrow P_5 \rightarrow P_5 \rightarrow P_6$
 $P_5 \rightarrow P_5 \rightarrow P_6 \rightarrow P_6 \rightarrow P_6$
 $P_6 \rightarrow P_6 \rightarrow P_6 \rightarrow P_6 \rightarrow P_6 \rightarrow P_6$
 $P_7 \rightarrow P_7 \rightarrow P$

$$\begin{array}{lll}
\text{ESJ} & P_4 & P_3 & P_2 & P_3 \\
TA & = \left(2 + (2+3) + (2+3+4) + (2+3+5+5)\right) / 4 & = \frac{36}{4} = 7.5
\end{array}$$

@ \$IFO
$$TA = SJF(G) = \frac{30}{4} = 7.5$$

D $RR, Q = \frac{1}{2} P_1 P_2 P_3 P_4$
 $TA = \left((5) + (6) + (7) + (8) \right) / 4 = \frac{26}{4} = 6.5$

D SJF

6 P1 P2 P3 P4 2 3 4 5

$$\begin{array}{ll} \text{DRR} & Q = 1 & TA = \left((G) + (8) + (77) + (72) + (73) + (23) \right) / G = \frac{22}{G} = 72.83 \\ \text{Prilips PiPs Pollips Pol$$

CPU $\sqrt{T} = \frac{18}{20+7} = \frac{8}{27} = 0.877 = 85.7\%$ ZO $\sqrt{T} = \frac{(3+2+4)+(3+7+3)+(-1)}{27} = \frac{79}{27} = 0.904 = 90.4\%$

74 = 3 + (-3 + 20+2e) = 3 = 78.66PipiPiPiPiPiPiPiPiPiPiPiPiPiPi ्रेमक की अकर्त्या तलाही वितिक्त विश्वकारी प्रथान AT एए स्टि? הני חלים בליך בלי חלים בעל תלהה הליע חבינים ב- אלצ שונטיח שת הכינים בליך בלים שונטיח שת 36 men all men ale and se