Roll #:_		Quiz # 2 (Section 4A)		Dated:	Dated: April 1, 2024	
Q1.						
		O-bound ii) CPU-bound, which is mo voluntary context switches? Explain				
	nsider the following set of proc iven in milliseconds:	cesses, with the length of the CPU	$\frac{Process}{P_1} \\ P_2$	Burst Time 5 3	Priority 4 1	
	ocesses are assumed to have a stime 0.	rrived in the order P1, P2, P3, P4,	$P_1 \\ P_2 \\ P_3 \\ P_4 \\ P_5$	1 7 4	2 2 3	
b) c) d)	quantum as the leftmost non- What is the turnaround time What is the waiting time of ea What is the average waiting ti	ach process?	eg. for 20K-340	0 it is 4).		

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Q3. Suppose there are three threads created inside a process. What information needs to be preserved during thread scheduling and why. Explain using diagrams and small explanations.						
Q4. Show C code snippet (that uses Pthreac an integer array of size 500 into a global var						