

Q.				
1.	Differentiate Preemptive and Non-Preemptive Scheduling. Which Types of scheduling algorithms come in these categories?			
2.	Explain the following a) Response Time b) Turnaround Time c) Throughput			
3.	What are various Process states and state transitions? Explain with the help of a diagram.			
4.	Process	Estimated Runtime	Arrival Time	
	P1	6	0	
	P2	8	1	
	P3	7	4	
	P4	3	2	
For the above Data Find the average waiting time using FCFS Algorithm.				
5.	Process	Estimated Runtime	Arrival Time	Priority
	P1	12	0	3
	P2	10	0	1
	P3	10	7	0
	P4	12	9	2
For the above Data find the average turnaround time using priority based preemptive scheduling. In case of a tie use FCFS.				