

Semester: Jul 2018- Nov 2018

**Duration: 1hr.15 min.**

**Semester: V**

**Course Code:** UCEC501

**Name of the Course:** Operating System

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Q.4	Consider the following workload in a Unix OS:			10M	CO3	Application	
	Process	Burst Time (ms)	Priority				Arrival Time(ms)
	P1	50	4				0
	P2	20	1				20
	P3	100	3				40
	P4	40	2				60
Show the schedule using Shortest remaining time, non-preemptive priority, HRRN Round robin (q=30ms)							
a. Use time scale diagram to show the schedule for each requested scheduling policy.							
b. Calculate :							
i. the waiting time and Turnaround time for each process							
ii. average waiting time and Turnaround for the requested scheduling policy							
Q.5	Draw Process Control Block enlisting all its elements.			3M	CO2	Comprehension	