Q.P.Code: 011856

(2 Hours)   [Total Marks: 40]

Note: Question no 1 is compulsory .Attempt any three out of remaining

Assumptions are made wherever necessary

All questions   carry 10 marks

Q1.   10

a. List out features of RTO's

b. What are differences between process and threads

Q2.   a.   Explain the preemptive and non preemptive scheduling algorithms with example.   5

b.   Calculate Turnaround time TAT and Waiting time for the below given case by applying preemptive priority scheduling algorithm. The arrival time for all the process is =0, draw the Gantt chart also.

5

Process	Burst Time	Priority
P1	12	4
P2	10	5
P3	5	2
P4	4	1
P5	3	3

Q3.   Explain three dynamic memory allocation algorithms with example.   10

Q4   Explain the concept of I/O management.   10

Q5.   What are all the goals of CPU scheduling.   10

Q6.   Explain the concept of paging .   10