Operating Systems

Lab 2B

1)

The priorities of the processes gets lowered as these are CPU bound processes. And their time slices are increased. Yes there is a fair sharing of CPU time as each of them are taking equal cpu time to execute.

2)

When the I/O bound processes are run, their priorities increase and the time slice is reduced. Processes have fair scheduling

3)

The processes are sharing same amount of cpu cycle, and when the sleep time is fixed for all the I/O bound processes

4)

Fair scheduling is achieved. The sleep times for the three I/O bound processes were set as 5, 10 and 15 ms. And for these respective processes the difference in the globalclock time before sleep ad after sleep were the same 5, 10 and 15 ms. Thi shows fair scheduling has been achieved.