

1. Priority of every process changes and only the highest priority get the chance to execute first. As all are CPU intensive therefore their priorities are decremented and time slice is increased. Yes, They are able to do fair sharing as they are taking equal amount of cpu time to execute/ complete process.
2. When all io intensive processes are run then the priority of every process is increased each time and time slice is decreased. Processes do have fair scheduling.
3. All the processes share same amount of cpu cycle when sleep time is fixed for all io intensive processes.
4. When global clock is maintained and difference is calculated before and after sleep it turns out to be the same as sleep time always for every single io intensive process. TS scheduling assigns higher priorities to I/O-intensive processes over CPU-intensive processes, allowing them to preempt CPU-intensive processes whenever waking up from sleep unblocks them.