**OPERATING SYSTEM (BCA 306)**

**ASSIGNMENT-2**

1. What is a Process? Differentiate Process and Program.
2. What is a Process Control Block?
3. Describe in detail Process State Diagram.
4. What are three different types of schedulers? Explain.
5. Differentiate between Preemptive and Non Preemptive Scheduling.
6. Write short on below scheduling algorithms: (with advantages, disadvantages, examples)

a) FCFS Scheduling

b) SJF Scheduling

c) SRTF Scheduling

d) Round Robin Scheduling

e) Priority Scheduling