



## SECTION-B

2. What is meant by Multiuser and Multi programming Operating System? Discuss their characteristic features.
3. Describe the role of ready running and blocked states of a process life cycle. How the transitions among these states is carried out?
4. Discuss first cum first serve and multiprocessor scheduling schemes.
5. What is meant by message passing and shared memory model for inter process communication? Explain.
6. Differentiate between the following :
  - a) Paging and Demand Paging
  - b) LRU and Optimal page replacement algorithm
7. Discuss the role of device controllers and device drivers for input output device management.