

SECTION-B

2.
 - a) What are the functions of an Operating System?
 - b) Explain sub systems : Top Layer, Middle Layer and Bottom Layer
3. Write short notes on :
 - a) Process State Diagram
 - b) Inter process Communication
4. Write short notes on :
 - a) Page replacement
 - b) Loading, Linking and relocation
5. What are the different techniques of File Management? Explain in detail.
6. Explain :
 - a) Different File Operations
 - b) Directory Structures and management
7. What is the role of software and hardware in the security of system? How will the system be protected from unauthorized use and Virus?