



SPOS Question Bank

1. Explain in detail Machine Structure with a neat and clean diagram.
2. What is System software? Draw and describe the components of System software.
3. Explain in detail Machine Structure with a neat and clean diagram.
4. What is Loader? List loader schemes and explain any one in detail with neat diagrammatical representation.
5. List and explain loader schemes.
6. Draw and explain Direct linking loader concept.
7. Explain the role of lexical analysis in compiler. Draw a neat and clean diagram.
8. Describe regular definitions for Regular expression, grammar, languages.
9. Explain the difference between compiler and Interpreter.
10. What is Operating System? List and explain in short different types of Operating Systems.
11. List and explain the types of CPU scheduling algorithms.
12. What is Paging in Operating Systems? Draw and explain hardware implementation of Paging.
13. What is Virtual Memory? How Virtual Memory Works.
14. Write short note on Communication to I/O Devices in Operating System. Why OS
15. and I/O devices communicate with each another?
16. Draw and explain the File System structure in detail.
17. Write short note on types File allocation methods with diagram.