



SNS COLLEGE OF TECHNOLOGY

COIMBATORE – 35



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (UG & PG)

Second Year, 4th Semester

16 Marks Question and Answer

Subject Code & Name: 19CST201- OPERATING SYSTEMS

1.
 - a) Explain in detail of the services provided by an operating systems.(Pg.no 16)
 - b) Why protection is necessary in an operating systems. (Pg.no:42)
2.
 - a) Discuss the features of the real-time systems. (Pg.no.17)
 - b) Compare batch and time sharing operating systems.(Pg.no.7)
3.
 - a) Explain the Inter Process Communications (IPC) with an example. (Pg.no.109)
 - b) Write short notes on deadlock recovery. (Pg.no.264)
4.
 - a) Explain direct and indirect communication in IPC.(Pg.no.111)
 - b) Discuss briefly about thread. (Pg.no.129)
5. Explain the system components of operating systems. (Pg.no.55)
6. Write short notes on
 - a) virtual machine (Pg.no.63)
 - b) system calls (Pg.no.80)
7. Explain the following. (Pg.no.12)
 - (i) Multiprocessor system (ii) Distributed system
 - (iii) Clustered system (iv) Real time system.
8. Discuss about Communication in client server systems with neat diagram (Pg.no.117)