

11 APR 2019

Seat No: _____

BSc.IT Semester-4 Examination
March/April-2019
405-Operating System-- II
Subject Code: 20994

Time: 2 Hours 30 Minutes

Total Marks: 70

- Q.1[a] What is File? Explain characteristics of File. [07]
Q.1[b] Explain File operation in detail. [07]
OR
Q.1[a] Find out seek time using FCFS and SCAN disk scheduling algorithm for the following Queue : 70,80,45,90,50,62,20,59,32,77 [07]
Head : 90
Q.1[b] Find out seek time using SSTF and C-SCAN disk scheduling algorithm for the following Queue : 98,40,74,58,125,67,185,147,84 [07]
Head : 105

Q.2[a] Write a short note on Remote Procedure Call. [07]
Q.2[b] Explain Distributed shared memory. [07]
OR
Q.2[a] Explain real time and distributed operating system. [07]
Q.2[b] Write a short note on Architecture of Distributed OS. [07]

Q.3[a] Write a short note on features of Linux operating system [07]
Q.3[b] Explain application area of Linux operating system [07]
OR
Q.3[a] Write a short note on GNOME [07]
Q.3[b] Write a short note on different flavors of Linux operating system. [07]

Q.4[a] Write a short note on File System Hierarchy Standard. [07]
Q.4[b] Write syntax, use and example of any three File commands. [07]
OR
Q.4[a] Explain "ls" command with all its options. [07]
Q.4[b] Explain Misc. command. [07]

Q.5[a] Write a note on conditional statements in shell program with proper example [07]
Q.5[b] Write a note on variables in shell [07]
OR
Q.5[a] What is shell? Explain any of the shell with its specialties. [07]
Q.5[b] Explain loop structure in shell programming with appropriate example. [07]
-