

B.Sc.(IT) Semester - 4 (CBCS) Examination**April/May -2022 [OLD COURSE]****CS-22 OPERATING SYSTEMS CONCEPTS WITH UNIX/LINUX (CORE)****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
 2. Figures to the right indicate marks.
-

- Q.1(A) Answer followings: (04)
1. PMT stands for_____.
 2. SMT stands for_____.
 3. FCFS stands for_____.
 4. SJF stand for_____.
- Q.1(B) Answer followings: (Any One) (02)
1. Explain SJF Process Scheduling policy.
 2. Explain term Non Preemptive Scheduling policy.
- Q.1(C) Answer followings: (Any One) (03)
1. Explain physical memory in detail.
 2. Explain Round Robin in detail.
- Q.1(D) Answer followings: (Any One) (05)
1. Explain Contiguous and non-contiguous memory allocation.
 2. Explain virtual memory using paging.
- Q.2(A) Answer followings: (04)
1. _____command is used to copy the file.
 2. _____command is used to move the file.
 3. _____command is used to check present working directory.
 4. _____command is used to delete a file.
- Q.2(B) Answer followings: (Any One) (02)
1. Explain wc command with its parameters.
 2. Explain who command with its parameters.
- Q.2(C) Answer followings: (Any One) (03)
1. Explain redirection with example.
 2. Explain Piping with example.
- Q.2(D) Answer followings: (Any One) (05)
1. Explain types of files.
 2. Explain features of Unix in detail.
- Q.3(A) Answer followings: (04)
1. Full form of IFS.
 2. Full form of GPL.
 3. Full form of GNU.
 4. _____loop is giving entry even if the condition is false.
- Q.3(B) Answer followings: (Any One) (02)
1. Explain test command.
 2. Explain echo and read command.
- Q.3(C) Answer followings: (Any One) (03)
1. Explain if else with syntax and example.
 2. Explain while loop with syntax and example.

- Q.3(D) Answer followings: (Any One) (05)
1. Explain history of Linux.
 2. Explain Linux booting process.
- Q.4(A) Answer followings: (04)
1. Full form of KDE_____.
 2. Full form of GNOME_____.
 3. Full form of CDE_____.
 4. Full form of BIOS_____.
- Q.4(B) Answer followings: (Any One) (02)
1. Explain start X command.
 2. Explain GNOME.
- Q.4(C) Answer followings: (Any One) (03)
1. Explain install and uninstall software in linux.
 2. Explain window manager.
- Q.4(D) Answer followings: (Any One) (05)
1. Explain configuring X.
 2. Explain KDE desktop in detail.
- Q.5(A) Answer followings: (04)
1. LDAP full form is_____.
 2. DNS full form is_____.
 3. FTP full form is_____.
 4. WINE full form is_____.
- Q.5(B) Answer followings: (Any One) (02)
1. Explain wine.
 2. Explain FTP service.
- Q.5(C) Answer followings: (Any One) (03)
1. Explain LDAP.
 2. Explain DNS.
- Q.5(D) Answer followings: (Any One) (05)
1. Explain installing and managing samba server.
 2. Explain installing and managing Apache server.
