

B.C.A Semester - 4 (CBCS) Examination**March/April-2024 [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.

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- Que-1(A) Answer followings: (04)
1. FCFS stands for_____.
 2. SMT stands for_____.
 3. PMT stands for_____.
 4. SJF stand for_____.
- Que-1(B) Answer followings: (Any One) (02)
1. Explain term Non-Preemptive Scheduling policy.
 2. Explain SJF Process Scheduling policy.
- Que-1(C) Answer followings: (Any One) (03)
1. Explain Physical Memory in detail.
 2. Explain Round Robin in detail.
- Que-1(D) Answer followings: (Any One) (05)
1. Explain Contiguous and non-contiguous memory allocation.
 2. Explain virtual memory using paging.
- Que-2(A) Answer followings: (04)
1. _____command is used to check present working directory.
 2. _____command is used to delete a file.
 3. _____command is used to copy the file.
 4. _____command is used to move the file.
- Que-2(B) Answer followings: (Any One) (02)
1. Explain WC command with its parameters.
 2. Explain CHMOD command with its parameters.
- Que-2(C) Answer followings: (Any One) (03)
1. Explain Piping with example.
 2. Explain Redirection with example.
- Que-2(D) Answer followings: (Any One) (05)
1. Explain types of Files.
 2. Explain features of Unix in detail.
- Que-3(A) Answer the following questions. (04)
1. GUI Stands for.....
 2. What is System variable?
 3. Explain Relational operator.
 4. If terminated with____?
- Que-3(B) Answer the following questions. (Any One) (02)
1. Explain echo and read command.
 2. Explain test command.
- Que-3(C) Answer followings: (Any One) (03)
1. Explain if else with syntax and example.
 2. Explain while loop with syntax and example.

- Que-3(D) Answer followings: (Any One) (05)
1. Explain history of Linux.
 2. Explain Linux booting process.
- Que-4(A) Answer the following questions. (04)
1. BIOS Stand for.....
 2. KDE stand for.....
 3. GNOME stands for.....
 4. What is Open Source Software?
- Que-4(B) Answer the following questions. (Any One) (02)
1. Explain X-Windows.
 2. Explain Xfce Desktop.
- Que-4(C) Answer followings: (Any One) (03)
1. Explain install and uninstall software in Linux.
 2. Explain window manager.
- Que-4(D) Answer followings: (Any One) (05)
1. Explain configuring X.
 2. Explain KDE desktop in detail.
- Que-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_____.
- Que-5(B) Answer followings: (Any One) (02)
1. Explain wine.
 2. Explain FTP service.
- Que-5(C) Answer the following questions. (Any One) (03)
1. How to configure Samba Server?
 2. How to configure Apache Server?
- Que-5(D) Answer the following questions. (Any One) (05)
1. What is WINE? How to configure WINE in Linux Environment?
 2. How to create and manage Linux user account and password.
