

**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 the following questions. (04)
1. Full form of FCFS.
 2. What is Memory Allocation?
 3. Full form of SJN.
 4. What is Process?
- Que-1 (B) Answer the following question. (any one) (02)
1. Define goal of Operating System.
 2. Define SJN.
- Que-1 (C) Answer the following question. (any one) (03)
1. Explain Time Sharing Operating System.
 2. Explain Virtual Memory.
- Que-1 (D) Answer the following question. (any one) (05)
1. Explain Function of OS.
 2. Explain Round Robin Process Scheduling with example.
- Que-2 (A) Answer the following questions. (04)
1. Explain TAIL command.
 2. Define command cat.
 3. What is redirection?
 4. Explain CHMOD command.
- Que-2 (B) Answer the following question. (any one) (02)
1. Define Commands grep, uniq.
 2. Define commands telnet, finger.
- Que-2 (C) Answer the following question. (any one) (03)
1. Explain Shell with its types.
 2. Explain Types of files used in Unix.
- Que-2 (D) Answer the following question. (any one) (05)
1. Explain Unix Architecture.
 2. Explain Features of Unix.
- Que-3 (A) Answer the following questions. (04)
1. Define Shell variable HOME.
 2. What is System variables?
 3. Define Shell variable MAIL.
 4. What is User variable?

- Que-3 (B) Answer the following question. (any one) (02)
1. Explain for loop with its syntax.
 2. Explain while loop with its syntax.
- Que-3 (C) Answer the following question. (any one) (03)
1. Explain if decision statement with its syntax.
 2. Explain case decision statement with its syntax.
- Que-3 (D) Answer the following question. (any one) (05)
1. Write a shell script to display reverse of entered number using until loop.
 2. Explain features of Linux.
- Que-4 (A) Answer the following questions. (04)
1. Full form of GNOME.
 2. Full form of KDE.
 3. Explain GNOME panel Properties (any two).
 4. Explain KDE panel Properties (any two).
- Que-4 (B) Answer the following question. (any one) (02)
1. Write a short note on Window Manager.
 2. How to configure the xorg.conf file?
- Que-4 (C) Answer the following question. (any one) (03)
1. How Window manager works on KDE desktop environment?
 2. How Window manager works on GNOME desktop environment?
- Que-4 (D) Answer the following question. (any one) (05)
1. Explain KDE panel.
 2. Explain Gnome desktop.
- Que-5 (A) Answer the following questions. (04)
1. Full form of LDAP.
 2. Full form of FTP.
 3. Full form of DNS.
 4. What is WINE?
- Que-5 (B) Answer the following question. (any one) (02)
1. Explain LDAP services.
 2. Explain Samba server.
- Que-5 (C) Answer the following question. (any one) (03)
1. Explain FTP services.
 2. Explain Apache server.
- Que-5 (D) Answer the following question. (any one) (05)
1. Explain WINE software.
 2. How to create and manage Linux user account and password?
