1 (a) Objective type questions :   4
   (1) In which language UNIX is written ?
   (2) Shell is a command interpreter used for interacting with a UNIX system. (True/False)
   (3) Which part of the UNIX operating system interacts with the hardware ?
   (4) What is a super user ?

   (b) Write the following question in brief any **one** :   2
   (1) What is Operating System ?
   (2) What is Memory Allocation ?

   (c) Write the following question in brief any **one** :   3
   (1) Explain FCFS Algorithm with example.
   (2) Explain PSTD.

   (d) Write the following question in brief any **one** :   5
   (1) Explain Types of Operating System.
   (2) Find out Completion Time, Turnaround Time and Waiting Time with Shortest Job First (SJF) Scheduling Algorithm.

Process Queue	Burst time	Arrival time
P1	6	2
P2	2	5
P3	8	1
P4	3	0
P5	4	4

2 (a) Objective type questions :   **4**

    (1) What are Commands in Unix ?

    (2) Which command is used for extracting the details of the operating system ?

    (3) How can we specify more than one command in the command line at the same time ?

    (4) Which command is used to display the documentation of commands in UNIX ?

  (b) Write the following question in brief any **one** :   **2**

    (1) What is File Permission in UNIX ?

    (2) List out types of file in UNIX.

  (c) Write the following question in brief any **one** :   **3**

    (1) Explain CAT Command with Example.

    (2) Explain MKDIR, PWD and CP Command with example.

  (d) Write the following question in brief any **one** :   **5**

    (1) Explain VI Command with Example.

    (2) Explain GREP, FGREP and EGREP command with Example.

3 (a) Objective type questions :   **4**

    (1) Which command is used for displaying date and calendar in UNIX ?

    (2) What is the output of who command ?

    (3) Which command is used for displaying date in the format dd/mm/yyyy ?

    (4) GNU Stands for _____.

  (b) Write the following question in brief any **one** :   **2**

    (1) What is System Variable ?

    (2) What is the use of TEST Commands ?

  (c) Write the following question in brief any **one** :   **3**

    (1) Explain FOR LOOP with Example.

    (2) Explain Open Source and Free Ware.

  (d) Write the following question in brief any **one** :   **5**

    (1) Explain Linux Booting Process.

    (2) Explain IF THEN ELSE IF Command with Example.

4   (a)   Objective type questions :   **4**

         (1)   echo command is used for _____.

         (2)   For what purpose bc command is used ?

         (3)   KDE Stands for _____.

         (4)   GNOME Stands for _____.

    (b)   Write the following question in brief any **one** :   **2**

         (1)   What is the use of starx command ?

         (2)   What is Layered Structure of X ?

    (c)   Write the following question in brief any **one** :   **3**

         (1)   Explain KDE Desktop.

         (2)   Explain GNOME Desktop.

    (d)   Write the following question in brief any **one** :   **5**

         (1)   Explain Install and Uninstall Software in Linux.

         (2)   Explain CREATE, DELETE, RENAME, Copy Files and Folder in Linux.

5   (a)   Objective type questions :   **4**

         (1)   LDAP Stands for _____.

         (2)   DNS Stands for _____.

         (3)   FTP Stands for _____.

         (4)   What is web service ?

    (b)   Write the following question in brief any **one** :   **2**

         (1)   What is the use of SAMBA Server in Linux ?

         (2)   What is the use of FTP in Linux ?

    (c)   Write the following question in brief any **one** :   **3**

         (1)   How to Create Linux User Account and Password in Linux ?

         (2)   Explain Samba server.

    (d)   Write the following question in brief any **one** :   **5**

         (1)   Explain WINE.

         (2)   Explain Configure Firewall on Ubuntu.

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