Bachelor of Science (B.Sc.) (Part-I) Second Semester old
2SCS-T1 - Computer Science Paper-I (Operating System)

P. Pages : 1

Time : Three Hours |||||||||||||||| Max. Marks : 50
                 0947

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Notes :   1.   All questions are compulsory and carry equal marks.

1.   Either

   a)   Explain distributed operating System with example.   **5**

   b)   Describe the I/o memory in detail.   **5**

                       OR

   c)   What is the role of operating System? Explain.   **5**

   d)   Explain the concept of Batch operating System.   **5**

2.   Either

   a)   Explain simple layered approach in System structure.   **5**

   b)   Discuss file manipulation in process control.   **5**

                       OR

   c)   Explain Secondary storage management.   **5**

   d)   Explain operating System services.   **5**

3.   Either

   a)   Explain the directory structure of Linux.   **5**

   b)   Explain VI editor in detail.   **5**

                       OR

   c)   Explain Bourne shell in detail.   **5**

   d)   Explain the following commands with Syntax and example.   **5**
       i)   LS   ii)   RM

4.   Either

   a)   Write a Shell script that takes five numbers from keyboard and display their average as an output.   **5**

   b)   Explain in detail shell parameters.   **5**

                       OR

   c)   Explain communication with its types in Linux.   **5**

   d)   Explain grep command with Syntax and example in detail.   **5**

5.   All questions are compulsory.

   a)   Write a note on multi programmed operating System.   **2½**

   b)   Explain Networking.   **2½**

   c)   Discuss Naming Directory.   **2½**

   d)   Write a note on egrep command.   **2½**

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