davv bca question papers

May 2015
Bachelor of Computer Application (BCA) Examination
IV Semester

Unix Operating System

Time : 3 Hours]   [Max. Marks : 50

Note : Attempt any five questions. All questions carry equal marks.

1. (a) Explain UNIX file structure.

    (b) Explain following commands :

    (i) pwd   (ii) chmode   (iii) rm   (iv) ls   (v) mkdir

2. (a) Explain any five utility commands in UNIX.

    (b) Write a note on Bourne shell.

3. (a) What is System Process ? Write any two system processes.

    (b) Explain following filter commands :

    (i) awk   (ii) grep   (iii) tell   (iv) tr   (v) uniq

4. (a) Define two way communication.

    (b) Explain while and for statement with suitable example.

5. (a) Write short notes on :

    (i) user services

    (ii) administration backups,

    (b) Explain super users.

6. (a) Explain premature termination of process.

    (b) Explain conditional execution in shell programming.

7. Draw and explain State Transaction diagram of a process.

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