davv bca question papers

June-July 2008

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 the structure of Unix Kernel. What major functions are performed by file systems?

      (b)   What information is stored in Unix Inode? Write commands to see PID of process.

2.   (a)   What are the different editors are available in Unix / Linux? Explain their features and working method of any one.

      (b)   How to perform the following in Unix :
             (i)   To run multiple jobs in background
             (ii)   To execute job with low priority
             (iii) Termination of process
             (iv)   Check the status of process.

3.   (a)   What are major positional parameters are available in Unix?

      (b)   Explain communication facilities of Unix with its command.

4.   (a)   Explain the use of pipes, filters and I/O redirections facility in Unix, with examples.

      (b)   Explain different loops available in Unix with example.

5.   (a)   What are main activities that are performed by the administrator in Unix?

      (b)   What are the command used for backups by administrator?

6.   (a)   Explain the following Unix commands with syntax :
             ls, lp, rm, od, stty, nl, echo

      (b)   What are command available for pattern matching Explain any one.

7.   (a)   Explain the following commands with their use :
             nice, test, expert, chmod, su

      (b)   Write shell script to perform :
             (i)   To entere list of names in the file.
             (ii)   Copy only executable files from one directory to another.

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