davv bca question papers

**May-June 2006**

Bachelor of Computer Application (BCA) Examaination

**IV Semester**

## Unix Operating System

Time 3 Hours]                                    [Max. Marks 50

**Note :** **Attempt any two parts from a question. All questions carry equal marks. All parts of a quetion must be solved at one place only.**

1.  (a)  What are the advantages of UNIX Operating System?
    (b)  What is the role of an Operating System?
    (c)  Explain the file structure of UNIX Operating System. Explain cp, rm, cd commands with suitable example.

2.  (a)  Explain the following commands :
        (i) banner    (ii) cmp    (iii) more    (iv) who    (v) tty.
    (b)  What are the different methods for pattern matching in UNIX? Explain the commands for the same.
    (c)  What is Shell Scripts? Explain with suitable example.

3.  (a)  How pre-mature termination is done in UNIX Operating System?
    (b)  Explain the following commands with suitable example :
        (i) sed    (ii) awk    (iii) egrep    (iv) cut    (v) sort.
    (c)  Explain Process. Explain Parent and Children Process with suitable example.

4.  (a)  Which two commands in the UNIX System let two users ``chat" with each other? Why is talk preferable to ``write"?
    (b)  Write a script that accepts one or more file names as arguments and convert them all to uppearcase.
    (c)  Name three unique features in Pine.

5.  (a)  How security can be provided in UNIX Operating System? Explain.
    (b)  What are the functions of System Administrator?
    (c)  What are the procedure for managing Disk Space and Locating Files?

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