2006 JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
IV B.TECH II SEMESTER DEGREE EXAMINATIONS
UNIX AND WINDOWS NT
(ELECTRICAL AND ELECTRONIC ENGINEERING)

APRIL/MAY 2006

TIME : 3 HOUR
MARK : 80

Answer any FIVE Questions All Questions carry equal marks

1. (a) Explain the structure of UNIX operating system with a neat diagram and discuss them.

(b) What are the basic tools available in the UNIX operating system? Explain them in detail.

2. (a) Define file. What are the advantages of Files?

(b) Explain about the Directory files.

3. List the various operations needed in handling a file and explain with examples.

4. What are the different functions of shell and explain with examples

5. Explain in detail about the various filters in unix?

6. Devise a script that creates a lock file which prevents more than one user from running it. The lock file must be removed before script termination or if the user presses the interrupt key.

7. How to create primary and extended partitions and logical drives on a hard disk?

8. Explain the various server applications.

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