MSIT 4E 23(OS)

IV Semester M.Sc. (I.T.) Examination, June/July 2010
LINUX INTERNALS

Time : 3 Hours

Max. Marks : 75

PART – A

Answer **all** the questions :   (**10×2+5×1=25**)

1. List the different modes of VI editor.

2. What is Multi-user ?

3. What is meant by Scheduling ?

4. List the functions of Kernel.

5. List out few special characters found in Scripts.

6. Define ELF.

7. What is Demand paging ?

8. What is the use of ping command ?

9. List any five networking commands.

10. What is Script file ?

11. Define the following terms :
    a) FORK
    b) GREP
    c) CD
    d) State
    e) Links.

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PART – B

Answer **any five** questions : (5×10=50)

1. State and explain benefits and feature of Shell.

2. Explain all the advantages and disadvantages of Linux.

3. Write the syntax of system and administrative commands.

4. Explain the different types of access permissions.

5. With a neat diagram explain the process of virtual memory.

6. With a neat diagram explain executable and likable format.

7. Explain in detail the test operator related to file.

8. With the help of neat diagram explain the physical layout of the ext2 file system.

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