# I Semester B.Sc. (I.T.) Examination, June/July 2010
## OPERATING SYSTEM – I
### (Old Syllabus)

Time : 3 Hours                                                                      Max. Marks : 75

***Instruction*** *: Answer **all** questions from Part –* **A** *and answer **any five** questions from Part –* **B***.*

## PART – A

1. What are system programs ?                                    **(2×10+5×1=25)**

2. What is Disk Operation System ?

3. Distinguish asymmetric and symmetric and multiprocessing.

4. Define workstation computers.

5. Explain grep and chmod commands.

6. What is an Icon ? Explain its use.

7. What is home directory ?

8. How do you install fonts in WINDOWS-NT ?

9. What is a root in LINUX ?

10. What is multitasking ?

11. Explain the following :
    a) REN
    b) SCAN DISK
    c) ls
    d) NTFS
    e) pwd.

## PART – B

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

1. What are the functions of Operating System ? What are its types ?

2. Explain the various states that a process can occupy, with the help of a process state diagram.

3. With appropriate syntax explain five commands in DOS.

4. Explain various options available in File menu and Edit menu of Windows-NT.

5. Write a note on adding and removing programs in windows 98 and explain how you change or customize wall paper on Desktop.

6. Explain the following with respect to windows-98 :
   i) Desktop                ii) Drag and Drop concept        iii) Menus.

7. Explain the organization of LINUX file system.

8. Explain vi editor commands.

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