

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.

P.T.O.



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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