

Exam. Code : 303501

Subject Code : 6793

PGDCA Semester—I

**III : FUNDAMENTALS OF COMPUTER &
OPERATING SYSTEMS**

Time Allowed—3 Hours]

[Maximum Marks—50

Note :— Attempt any five questions. All questions carry equal marks.

1. What are the different types of input and output devices ? Explain each one briefly.
2. What are the different types of printer ? Explain each one in detail.
3. What are the different applications of computer network ?
4. Explain the following terms :
 - (a) Recycle Bin
 - (b) My Computer
 - (c) Network Neighborhood
 - (d) Briefcase.

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5. (a) What is the difference between multi programming and multitasking operating systems ?

(b) What is the difference between soft real time and hard real time operating systems ?
6. How MS-DOS is different from Unix ? What are the different components of MS-DOS ? Explain in detail.
7. Explain the architecture of Unix operating system with the help of a suitable diagram.
8. What is the difference between shell and kernel ? Explain "bourne", "C" and "r" shells.

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