MCA 4627   **OPERATING SYSTEM**

Total Marks: 75   **Time: 3 Hrs**

Answer any five questions: **5 X 15 = 75**

1. Elaborate on evolution of Operating Systems.
2. Discuss in detail the functions of an Operating System.
3. Explain Dekker's algorithm for solving Mutual Exclusion.
4. Brief about Memory Management in operating system and explain Virtual Memory management in detail.
5. What is deadlock and explain banker's algorithm with an example.
6. Discuss threads in detail, also compare process and threads.
7. List down any fifteen shell commands, give its syntax and an example.