

PGDCA Some Important Topics

Operating System

Unit -1

- 1) Operating System Introduction, History, Types
- 2) System Call
- 3) Kernel
- 4) Booting
- 5) User View's
- 6) GUI
- 7) DOS Introduction, Commands, FAT, Structure & Naming Rules

Unit -2

- 1) Process Management Introduction, Process State, PCB, Process Operation
- 2) Context Switching
- 3) Paging
- 4) Segmentation
- 5) Memory Management – Contiguous & Non-Contiguous Memory, Memory Techniques

Unit -3

- 1) Parallel Processing (System)
- 2) Distributed Processing (System)
- 3) LAN Structure
- 4) GUI

Unit -4

- 1) Linux Introduction, Features & Advantage
- 2) Linux Architecture
- 3) Linux Directory & File System
- 4) Linux Kernel

Unit -5

- 1) Linux Commands
- 2) Gnome & KDE
- 3) Shell
- 4) Linux Login & Logout Process
- 5) Vi Editor