



Course: Computing for Management
Class: (MBA-15(A, B, C))

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Course Contents

Part 1

Introduction to computers

What is computer? History of computers, Generation of computers, Types of Computers

Basic computer organizations

- a. Input unit, output unit, Storage Unit, Arithmetic Logic Unit, Control Unit, Central Processing Unit.
- b. Computer Software
- c. Types of Software**
 - a. Application software
 - i. Languages
 - ii. Packages
 - b. System software
 - i. Operating system
- d. Number system**
 - a. Non positional number system
 - b. Positional number system
 - c. Converting from one number system to another.
 - d. Binary Codes
- e. Operating System Basics**

Part II

Basic Elements of Communication System

- a. Elements of communication system
- b. Data transmission mode
- c. Data transmission speed
- d. Transmission Media
- e. Types of Networks**
 - a. LAN (Local Area Network)
 - b. WAN(Wide Area Network)
 - c. MAN(Metropolitan Area Network)
 - d. Advantage of computer networks
 - e. Internet basics.
 - f. Networking Basics
- f. Protocols ... the Language of computer networks**
 - a. What is protocol?
 - b. Roles of protocol in communication
 - c. OSI Model
 - d. IP addressing schemes.
- g. Programming Languages and Programming Process**
- h. Data Storage**
 - a. RAM
 - b. ROM
 - c. EPROM
 - d. PROM
 - e. SIMM
 - f. DIMM
 - g. Cache Memory
 - h. Registers
 - i. Functions of various registers
- i. Secondary Storage**
 - a. Magnetic Disk

- b. Magnetic tape
- c. Flash disk
- d. Smart Card etc.

Part III Lab Work

- a. MS DOS
- b. Windows Basics
- c. MS Word
- d. MS Excel
- e. MS PowerPoint
- f. HTML (Hyper Text Markup Language)

"Hope for the Best, Prepare for the worst"