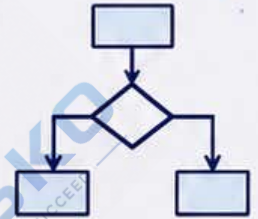
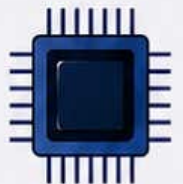


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10110
01001
10101



Most Important Topics

INSTRUCTIONS



These questions are selected based on previous year university exams.



Practice these questions to understand important concepts deeply.



Focus on frequently asked topics and their variations.



Solve these questions within the given time for better exam preparation.



Revise regularly and test yourself to improve your score.

Practice Smart • Stay Consistent • Score High!

DATA STRUCTURES

ALGORITHMS

COMPUTER NETWORKS

DATABASE SYSTEMS

Practice More ✓
Revise Well ✓
Score Better ✓
Succeed ✓

Fundamentals of Computer

Most Important Topics

Unit I: Introduction to Computer

Most Important

1. **Block Diagram of Computer**
 - Input Unit
 - CPU
 - ALU
 - Control Unit
 - Memory Unit
 - Output Unit
2. **Generations of Computers**
 - First to Fifth Generation
 - Technology used
 - Main features and examples
3. **Characteristics of Computers**
 - Speed
 - Accuracy
 - Storage
 - Automation
 - Diligence
 - Versatility

Also Important

4. History of Computers
 5. Uses and Applications of Computers
-

Unit II: Memories

Most Important

1. Primary Memory

- RAM
- ROM
- Types of RAM
- Types of ROM
- Difference between RAM and ROM

2. Cache Memory

- Definition
- Purpose
- Advantages

3. Secondary Storage Devices

- Hard Disk
- SSD
- Pen Drive

Very Important Question

4. Differentiate between Primary Memory and Secondary Memory.
-

Unit III: Input and Output Devices

Most Important

1. **Input Devices**
 - Keyboard
 - Mouse
 - Scanner
2. **Output Devices**
 - Monitor
 - VDU
 - LCD
 - LED
3. **Printers**
 - Impact Printers
 - Non-impact Printers
 - Difference between them

Also Important

4. Modem
 5. Touch Screen
-

Unit IV: Operating System

MOST IMPORTANT UNIT

1. **Operating System**
 - Definition
 - Functions of Operating System
 2. **Types of Operating Systems**
 - Batch Operating System
 - Multiprogramming Operating System
 - Time Sharing Operating System
 - Online Real-Time Operating System
 - Distributed Operating System
 3. **Booting Process**
 - Definition
 - Steps involved in booting
 - Cold Booting and Warm Booting
-



Overall Top 10 Most Important Topics

Rank	Topic
 1	Block Diagram of Computer
 2	Generations of Computers
 3	Functions of Operating System
4	Types of Operating Systems
5	RAM, ROM and their Types
6	Primary vs Secondary Memory
7	Impact vs Non-impact Printers
8	Bootling Process
9	Input and Output Devices
10	Characteristics of Computers

My priority order for preparation

First prepare: Block Diagram → Generations → RAM & ROM → Functions of OS → Types of OS

Then prepare: Printers → Primary/Secondary Memory → Booting → Input/Output Devices

Finally: History, Uses of Computers, Characteristics, Cache Memory, Modem, Touch Screen.