

Class Day	Theory Topics
1st	Definition of computer hardware, Need of management in computer centre
2nd	Computer careers for technology
3rd	Description of personnel involved.
4th	How does personnel management work
5th	
1st	Duties and responsibilities of personnel involved.
2nd	Need of Training of staff and importance of Training.
3rd	Classification of computer Based on size, Based on mechanism
4th	Based on purpose, weekly test.
5th	
1st	computer centre layouts.
2nd	Server room standard
3rd	Definition of power conditioning equipments various power conditioning equipment
4th	constant voltage Transformer, How does it work?
5th	

Class Day	Theory Topics
1st	uninterruptible power supply, Types of ups.
2nd	online ups and line interactive ups. Difference between online and line interactive.
3rd	Isolation circuit and its principles.
4th	Functioning of Isolation circuit
5th	
1st	what is mother board and components and. Slots, Processor socket/Slot, memory sockets
2nd	chipssets, cache, BIOS, clock generator, PTC, I/O controller, power connector key board/mouse.
3rd	Mother architecture with block Diagram.
4th	Processors (core2 duo processor, quad-core processor)
5th	
1st	core i3, i5, i7 series. AMn A10 Series.
2nd	Xeon processor, chip sets
3rd	Applications and features of chipsets.
4th	Introduction of Bus standards.
5th	

Class Day	Theory Topics
1st	Introduction of PCI, AGP
2nd	Introduction to USB, Introduction to ISA
3rd	colour codes for Devices / Ports
4th	function of the Devices / Ports.
5th	
1st	what is memory and I/O Devices.
2nd	Types of memory with their functions.
3rd	memory speed and Access time.
4th	Hard Disk, construction
5th	
1st	working Principles
2nd	File system, formatting, partitioning.
3rd	Removable storage and special devices
4th	working Principles of Removable Storage.
5th	

Class Day	Theory Topics
1st	Key Board (Interfacing, USB, wireless, Types of key etc)
2nd	Mouse Interfacing.
3rd	Printers (Types, operation and Troubleshooting)
4th	Scanners (Types, operation and Troubleshooting)
5th	
1st	
2nd	
3rd	
4th	
5th	
1st	
2nd	
3rd	
4th	
5th	