

IT-201 F**PC Lab.**

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Class Work: 50
Exam: 50
Total: 100
Duration of Exam: 3 Hrs.

PC Software: Application of basics of MS Word 2000, MS Excel 2000, MS Power Point 2000, MS Access 2000.

To prepare the Your Bio Data using MS Word

To prepare the list of marks obtained by students in different subjects and show with the help of chart/graph the average, min and max marks in each subject.

Prepare a presentation explaining the facilities/infrastructure available in your college/institute.

Create a database of books in the library on a mini scale w.r.t. Computers and manipulate the database using different forms and reports.

PC Hardware :

To check and measure various supply voltages of PC.

To make comparative study of motherboards.

To observe and study various cables, connections and parts used in computer communication.

To study various cards used in a system viz. display card, LAN card etc.

To remove, study and replace floppy disk drive.

To remove, study and replace hard disk.

To remove, study and replace CD ROM drive.

To study monitor, its circuitry and various presents and some elementary fault detection.

To study printer assembly and elementary fault detection of DMP and laser printers.

To observe various cables and connectors used in networking.

To study parts of keyboard and mouse.

To assemble a PC.

Troubleshooting exercises related to various components of computer like monitor, drives, memory and printers etc.

Reference Books:

- Complete PC upgrade & maintenance guide, Mark Mines, BPB publ.
- PC Hardware: The complete reference, Craig Zacker & John Rouske, TMH
- Upgrading and Repairing PCs, Scott Mueller, 1999, PHI,

Note: At least 5 to 10 more exercises to be given by the teacher concerned.