

J.H. P.G. Govt. College, Betul (MP)

B.sc. II Year (Major) Computer Science Practical List

Study of UTP network cable

1. Study the color code of UTP cable
2. Categories of UTP n/w cable
3. Shielding of n/w cable
4. Electricity interference with n/w cable
5. Maximum length for which data cable can be used
6. Crimping of Rj45 connector and Punching of data n/w cable
7. Penta scanning of cabling work
8. Rules of UTP laying

Study of optical fiber cable

1. Different cores of OFC (6 core,12,24 core)
2. Multimode & Single mode OFC cable
3. Shielding of OFC
4. Splicing/Termination of OFC
5. Media Convertor
6. Rules of OFC laying

Configuration/Management of Local Area Network

1. Implementation of file and printer sharing.
2. Installation of ftp server and client.
3. Connect the computers in Local Area Network.
4. Configuring Class A IP Address on LAN Connection in Computer LAB and then use following tools: Ping, ipconfig, getmac, hostname, nslookup, tracert, arp, pathping, systeminfo.

B.sc. II Year (Minor) Computer Science Practical List

1. Find greater number between two numbers using conditional operator.
2. Find the factorial of number if number is given by user using command line argument.
3. WAP to find the average and sum of the N numbers Using Command line argument.
4. WAP to find the number of arguments provide at runtime.
5. WAP to Test the Prime number
6. WAP to calculate the Simple Interest and Input by the user.
7. WAP to create a Simple class to find out the Area and perimeter of rectangle and box using super and this keyword.
8. WAP to find G.C.D of the number.
9. WAP to design a class account using the inheritance and static that show all function of bank (withdrawal, deposit).
10. WAP to find the factorial of a given number using Recursion.
11. WAP to design a class using abstract Methods and Classes.
12. WAP to design a String class that perform String Method(Equal,Reverse the string,change case).
13. WAP to handle the Exception using try and multiple catch block.
14. WAP that Implement the Nested try Statements.
15. WAP to Create a package that access the member of external class as well as same package.
16. WAP that import the user define package and access the Member variable of classes that Contained by Package.
17. WAP that show the partial implementation of Interface.
18. WAP to Handle the user defined Exception using throw keyword.
19. WAP to create a class component that show controls and event handling on that controls.(math calc).
20. Write a java program to merge two files into third file.
21. Write a java programs to delete duplicate lines in text file.
22. Write a java program to implement FileInputStream class to read binary data from any image file.