

Instructor ; zakir rahim

Name ; shams ut tamraiz

Id card no ; 14537

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**Q1. (a) Discuss the importance of system software and how it helps users?**

**Answer...**

**system software,**

A group or set of one or more programme which controls the operation and or extend the processing ability of a computer system.

e,g(1) window seven,eight,ten.

(2)Anti virus

(3) Window XP etc.

Everywhere,everything,today run the software your mobile,TV,smartphone etc.Computer all things run on software and connect to your family to set everywhere like foriegnns country to connect it the source of software.For example,IMO,Whatsapp,Facebook etc.Software are very useful now does the work easier.Does a work user a particularly.It contrles the computer hardware and run the system hardware .System software helps the user and solve the situation or creative problem or carries out particular task.

**Q1.(b) write a few benefits of open source software.**

**Answer...**

**Benefits of open source software,**

# Open source software download is free of cost.

# Open source software is simple words discuss that can use in your work it free.

# That open source software is free software that use everyone.

# Open source software easily share is it.

# open source software allow a user to download and modify is it.

For example; google chrome.

## **Q2. (a) Explain different categories of transmission speed?**

**Answer...**

### **Transmission speed,**

It the rate of passes data via communication lines,per second is measured in bites is called transmtion speed.The following two catagories of transmtion speed,the first one is guided and the second one is unguided.

### **Categories,**

#### **1,Guided speed,**

In guided speed (media) transfered information (data) traveling via cabling organisation has a fixed way .

such as ; copper wires

#### **Copper wires,**

is the most general wires and used for transfer data or signals because very fast performance and low costs.in used for generally in telephone connection.Inside a cover two or more wire are together and pair of copper wires are rounded together are different it work of the wires . Unguided;In unguided media transfer data or information to via or free space in the form of electromagnetic wires.Radio waves are used in the form of all wireless contacted.Rdio waves is lowest frequency it,and used the radio wave.For transferring of radio and television signals.The electromagnetic wave is approximately one millimeter wavelength and frequency about ten kilohertz.Radio waves is present everywhere and every deleted signals object around the universe.

#### **2,Unguided speed,**

in unguided speed (media) transfered information (data) traveling via are free space in form of electromegnitic signal ,such as radio wave .

#### **Radio wave,**

radio wave are the part of electromagnetic wire,radio wave are use in the fome of all wirless contacted ,radio wave is lowest prequency and used the radio wave for the transforing of radio andtelevision signals.the electromegnetic wave is approxmatily one millimeter are wavelength and frequency abpot ten kilohertz.radio wave is present everywhere and every releted signals objects around the words.

## **Q2(b) Differentiate between optical and magnetic storage?**

**Answer...**

### **Optical storage,**

Optical storage use laser to read and write data .Data is recorded is pits.Optical storage made of plastic has shine and deflective surface is it.uses laserbeam for writting and reading information or data.optical storage is also known as laser disk.

For example;video,music and text.

optical storage is inflexible disk and stored the information in the form of laser .laser beam scanning the surface of optical disk the surface is tiny pits like that surface read or replied laser beam it.

For example; CD-ROM (compact disk read only memory)

DVD (digital video disk) can stored seven time more data as compared to CD.

### **Magnetic storage,**

Magnetic storage data is recorded as magnitised and non-magnitised mark.Magnetic storage is consist of metal plate that plate is thin circular platable design shaped donated by one and zero.used for stored bits and represented of information.It is a computer hardisk is also known magnetic disk or storage.

storage medium; that medium used for storing data or information.

magnetic storage is device are used for storing information and data.

For example; (1) hard disk (2)floppy disk plastic rectangular shell.

floppy disk used for store data.

floppy disk thin flexible magnetic medium.

### **Q3. Based on the discussion related to internet and its services, explain TelNet and FTP service and write a short review of any software designed on TelNet and FTP ?**

***Answer...***

#### **Telnet,**

Tel which normal meaning communication and net which mean work.Protocole on internet and other local location it network connection for used it.it was created in nineteen hundred sixty nine and one of the first standard internet is a network protocol is used for connection to provide an interactive, Communication station a network protocol that make possible one system computer to communicate to another through internet connection.The network terminal protocol is telnet allow a user log in any another computer system on the connection network.A computer to connect from this time to share and anything sent to their computer.Provide command line interface access to remote hosts through telnet virtual.The computer run on the telnet programmes and connect to attach your PC system to a server on the connection network .Telnet was developed in nineteen hundred sixty nine to help remote connectivity between computer on the network connection.Telnet can connect to a remote machine that is on the network and the part is listening the common part where one can connect through the telnet are part twenty one file transfer protocol.

File transfer protocol; File transfer protocol plan for transfer document or file over the source of internet file transfer protocol server can store file to access using an file transfer protocol client.

For example; browser,web,software,file transfer protocol programe or a command like interface.

#### **File transfer protocol ,FTP**

Ftp Configuration of an the file transfer protocol server to possible varies type of access such as;anonymous.Unknown user only view to allow the directories and do not able to upload the file unknown file transfer protocol file access is disable user are requires to log in looked order and download the files.File transfer protocol is particular use for that protocol and changing or exchanging documents and sharing the files through the internet.

**T U SIR**

**THE END .**