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Subject Computer application

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Question 1 Discuss the importance of system software . and how its helps user ?

Answer IMPORTANCE OF SYSTEM SOFTWARE :

- System software are the fundamental and basic functions of computer system or network
- It gives an ability to computer to use the hardware
- It can support other software to be complete their function
- It controls all the peripheral part of the device to operate

HOW ITS HELPS USERS :

- It makes the user can be able to in contact with the help of through system hardware
- In the absence of system software the computer system is junk
- System software is the key of the computer system to run proper even without it can not start.

QUESTION 1 PART (B) BENEFITS OR ADVANTAGES OF OPEN SOURCE SOFTWARE :

ANSWER BENEFITS or ADVANTAGES of OPEN SOURCE software :

- The permits of open source software to allow the user to study software
- Another benefit of the open source software is use to change or edition of its functions
- It can allow the user to spread the software at some time
- It makes the users system valuable or improve the functions of them.

QUESTION 2 EXPLAIN DIFFERENT CATEGORIES OF TRANSMISSION SPEED ?

ANSWER, Different Categories of transmission speed :

Transmission of speed : The physical interface or connection between receiver and transmitter

CATEGORIES OF TRANSMISSION MEDIA,.

There are two types of transmission of speed and can be done in two media

(a) **Guided media** (b) **unguided media**

GUIDED MEDIA; Those connection between the receiver and transmitter in the medium is present. There are different types of medium.

TWISTED PAIR CAPABLE : it use for long time

- They were invented for voice transmission
- It is widely used medium. Because its lighter, cheaper and more flexible and easily to install and provide speed
- There are two types of twisted cable
- (unshielded twisted pair) (shielded twisted pair)

COXIAL CABLES; The coxial cable have central copper conductor surrounded by an insulating layer, a conducting shield .

Two types coxial cables

1 base band

2 broad band

OPTIC FIBER ; Optical fiber use light waves for transmission cross talk , Emi and with optical fiber.

Use for data or vedio transmission.

UNGUIDED TRANSMISSION ;The features of wireless /unguided transmission media are the signal gets broadcast without any support media with the help of air and less recuse .

There are three types of wireless transmission given

1 Radio wave

2 infrared

3 microwave

QUESTION 2 PART(B) DIFFERENTIATE BETWEEN MAGNETIC AND OPTICAL STORAGE ?

ANSWER : MAGNETIC STORAGE ;

- Magnetic storage is in magnetic form
- It is affected by magnetic field
- It is high storage capacity
- It doesn't use laser to read/write data
- Magnetic storage devices are, Harddisk , floppy disk and magnetic tape.

OPTICAL STORAGE ;

- Optically and used laser to read/ write
- It is not affected by magnetic field
- It has less storage than hard disk
- Data accessing is high a compared to floppy
- Optical storage devices are CD, ROM , CD- R and DVD

QUESTION 3:Based on the discussion related to internet and its services explain and FTP services and writes a short of review of any software designed on telnet and FTP ?

ANSWER : TELNET : Telnet is an application protocol used on the internet or local are a network to provide a bidirectional interactive terminal connection.

TELNET USED FOR : Telnet is a simple text based network protocol that is used for accessing remote computer over TCP/IP networks like the internet.

- telnet was created and launched in 1969 and , historically speaking you can say that was the first internet.

SOFTWARE DESIGNED BY TELNET : the term telnet also used to the software that implement the client part of the protocol.

FILE TRANSFER PROTOCOL: The file transfer protocol is a standard network protocol used for the transfer of computer files between a client and server on a computer network. FTP is built on a client _ server model architecture using separate control and data connection between the client and server.

USED: FTP can also be used to download files or programs from the internet to your computer. When you download these files, you are transferring them from other server through FTP .

DIFFERENT TYPES OF FLIES PROTOCOL :

Manage flies transfer and network solution .

- **FTP**(file transfer protocol)
- **HTTP**(Hyper text transfer protocol)
- **FTPS**(HTTP and SSL)
- **SCP**(secure copy) .