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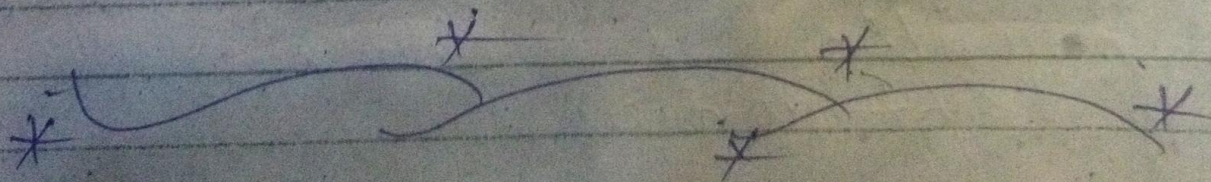
(1)

Question no # 1 (A)

Answer

Important of system software

- i communicates operation of devices such as printer & disk top. controls peripheral as
- i support development of other application software.
- i Monitore effective use of various hardware resource as memory of screen.
- i support execution of other application.



Question no # 1 (B)

Answer

Benefits of public domain software

Defenition

public domain software is any software that no one has the right to copy or reading restriction associated with it. It is free and open source software that can be publicly modified, distributed or sold with out any recreation split 12P CERN. popular public domain software. Example of public domain software.

\* Benefites

\* They are free to use

\* no permission is required to use

\* All over the world people can access.

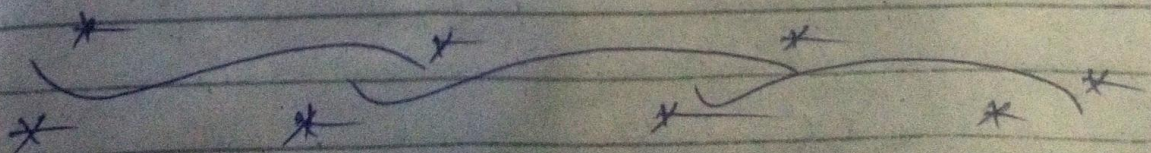
Uses

System software help in hardware components work together common types of system software.

\* operating system know as micro soft window

\* Utility program

\* communication



# Question no # 2 (A)

## Answer

### Defenition

Different categories of Transmission speed  
of These are Three categories of Data Transmission speed.

- ① narrow band
- ② voice band
- ③ Broad band.

1,

### Narrow band

sub-voice grade channel in range from 45 to 300 band.

### Example:

used for telegraph line and low speed terminals.

(2)

## Voice band

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voice band grand  
channel with speed.  
upto 9600 band.

## Example

used for.  
telephone ordinary  
comonuction voice  
slow I/O and  
device.

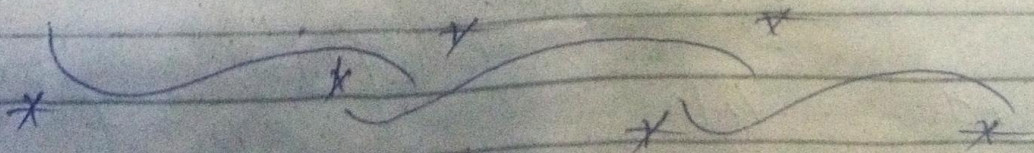
(3)

## Broad band

High speed channel  
with speed upto  
1 million band.  
or more.

## Example:

used for High speed.



(6)

Question no # 2 (B)

Answer:

Difference between magnetic & optical magnetic:

- / Stores data in magnetic form
- / Data is affected by magnetic field
- / High storage capacity
- / Does not use laser to read and write
- / Easy to modify data

Optical:

- / Store data as dents by using a laser
- / Data is not affected by magnetic field
- / Less storage capacity
- / Uses a laser to read and write
- / Difficult to modify data.

# Question no # 3

## Answer

### Internet Definition:

The internet is a network of computers which of many different type of computer all over the world. It is a network of sharing a common machine for addressing computers, and a common set of connection protocols for connection between computer on the network.

### Basic services:

The internet provides the following four types of basic services to its user

### Electronic mail service

Email enables an internet user in any part of the world in a near real time manner and email message takes a few minutes to reach its destination because it travel from one network to another until it reaches its destination.

message in E-Mail service can contain not only text documents but also image audio and video data. only restriction is that the data must be in computer to paper mail and telephone and fax many prefer E-mail because of its following advantages -  
 Its faster than paper mail.

unlike telephone the person communicating need not be available at the same time.

unlike fax documents the receiver of an email document can store it in



(9)

# File transfer protocol

FTP services enables an internet user to move a file from one computer to another on the internet. A file may contain any types of digital information like documents, image, audio, movies, sound, software etc. FTP has two basic services

## Downloading:

The process of removing a file from a remote computer to one's own computer.

## Uploading:

The process of removing a file from one computer to a remote computer.

In FTP services, a file transfer takes place in following manner.

\* \* \* \* \*

END