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**Q;1(A) Discuse the importance of software system and how it helps users?**

Ans;1;Software system or operating system controls the basic function of computer or network

2;It is a software program & enables hardware to communicate & operate with computer software.

3;System software caters to enterprise application markets through direct sales and channels partners.

**Q;1(B)Write a few benefits of Source software?**

Ans;(B) The following are a list of the advantages of opting for open source software.

1;lesser hardware costs.

2;high quality software.

3;non vendor lock in.

4;integrated management.

5;simplified license management etc.

**Q;2(A)Explaine different categories or types transmission speed?**

Ans;Transmission media is a communication channel that carries the information from the sender to the receiver. Data is transmitted through the electromagnetic signals transmission media is of two types.

1;Wired media.

2;Wireless media.

**Q;2(B) Different b/w optical and magnetic software?**

Ans;Optical storage devices are flat, round disks that spin around its center. The difference b/w optical and magnetic storage device is that in optical storage device laser light is used to read and write data in disks like CD, DVD etc

**Q;3(A)Based on the discussion related to the internet and its services explain?**

Ans;(A)The internet is a heterogeneous worldwide network consisting of a large number of hosts, computers, and local area networks. The internet uses the TCP/IP suite of protocols.

Q;3(B)The TelNet enables a claint user to access the resources of a server remotely wheaease FTP is used for copying a file from one to another machion.The TelNet protocols uses port number 23 for the connection on the contrary FTP uses port 21 and 20 for control and data connection respectively.