**Q.1)**

1. **Importance Of System Software:-**

Following are the importance of system software

* An Operating System tells the computer that how to use its own components for example Windows, The Macintosh Operating System and Linux etc. These all are essential for any computer in order to operate. Moreover these are the basic needs of every Computer. Because it acts as an interpreter between the hardware, application programs and the Users. Application Programs maybe MS-Word, Coral Draw,Ulead video maker and AVAST etc. So whenever a user needs to work on MS word its computer must have a system software like Windows etc because without windows a user cannot use MS word or any other Application Software. Or simply we also say that when we want the hardware to do something(copying,printing etc) then our request is handled by System Software.
* While a network Operating system allows computers to communicate and share data across a network while controlling a network operations and overseeing the network’s security

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1. **Benefits Of Public Domain Software:-**

Following are the benefits of public domain software

* Downloading spyware software removal program or scanner for free without any one time fee or subscription based cost of branded programs is one of the major advantage. The internet freeware prevalent culture for quick-fix computer systems, security tools and applications make users look for cost savings wherever possible.
* During sudden spyware threats or attacks people find it quicker to search for such programs on the web rather than purchase paid ones from computer retail stores in the real world or even from reputed commercial players online.
* Such programs are easily available on internet to download, install and operate. Many mainstream websites and portals too offer some spyware removal programs, resulting in choice of plenty to the users

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**Q2):-**

1. **Bandwidth:-** It describes the maximum data transfers rate of a network or internet connection. It measures that how much data can be sent over a specific connection in a given amount of time for example A Gigabit internet connection has a Bandwidth of 1000 Mbps.Each byte consist of eight bits while bit is a binary numbering system and process data in 1 and 0 form.

Bandwidth are classified in following three categories.

1. **Narrowband:-** A Narrowband transmission refers to a data transfer that has a slow or small transfer rate. When referring to wireless transmission, a narrowband signal is one that covers a small area.Normally in range of 45 to 300 baud. Mainly used in telegraph lines in low speed terminals.
2. **Voice band :-** Having range of 9600 baud. Mainly used in telephone lines for voice communication
3. **Broadband:-** Broadband Internet service truly is the most used form of Internet access because of its high access speeds, it is offered in four different forms, DSL (or Digital Subscriber Line), also fiber-optic, cable, and satellite. The old dial-up connection is the only non-broadband internet service available, and even though it is cheaper, most Internet users are moving towards the faster broadband Internet connection.Having speed more than 1 million baud.

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| **Optical Storage** | **Magnetic Storage** |
| a) Stores data optically & used laser to read/write | a) Stores data in magnetic form. |
| b) It is not affected by magnetic field. | b) It is affected by magnetic field. |
| c) It has less storage than hard disk. | c) It has high storage capacity. |
| e) Data accessing is high as compared to floppy. | e) It doesn't use laser to read/write data. |
| f) Optical storage devices are ; CD-ROM,CD-R,CD-RW, DVD etc. | f) Magnetic storage devices are Hard disk , Floppydisk, Magnetic tape etc. |

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**Q3).**  Internet is the global computer network and is the interconnected network by using a standardized communication protocol. It provide many information to the users. Internet provide many services these services are used for business, download files, interactions, marketing, etc. The services are:  
  
 Web Services  
 Communication Services  
 World Wide web  
 Video conferencing  
 Electronic Mail  
 Chat Rooms,

Google Chrome etc  
 Internet provide many benefits to our life that is: Improve our knowledge, Skill and learning capacity , Banking , Billing , Address mapping, etc.

In this all services the I like a Google Chrome internet Browser which is launched by Google in 2008 that uses a Webkit layout engine Google Chrome is known for its very simplistic and minimalistic design and touted as the fastest browser out there. Google Chrome is currently the most widely used web browser with a worldwide usage of approximately 33%.

There are many advantages of Google Chrome some of them are discuss below i.e

1. Chrome is an extremely fast web browser; it loads and displays pages very quickly.  
   2. You can drag tabs out into separate windows, without difficulty, and back in again with your mouse.  
   3. Google Chrome has a very basic, simple design, making it easy to use.  
   4. The start-up page lists the most frequent pages you’ve visited and allows you to click and access them with ease.  
   5. Chrome automatically translates pages into a language you understand for your convenience.  
   6. You can search the internet through your address bar at any time.  
   7. If a site crashes on one of your tabs, other open tabs will not be affected.  
   8. You may browse the internet without being logged using Chrome’s new private feature: Incognito.  
   9. Unlike Firefox and Safari, you can alter the colour and theme of the browser.  
   10. Chrome is faster than Explorer and FireFox.  
   11. Chrome takes only seconds to install

So just because of these all benefits provide by Google Chrome I really like it and is beneficial to the world thus I choose Google Chrome for discussion

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