**Course:** Computer application to business **Program:** BBA

**Semester:** 4th **Major Assignment**

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Q1. (a) Discuss the importance of system software and how it helps users? (5)

Ans1: **Importance of system software:-**

1. System software controls the operation of a computer hardware and extends its capability.
2. Installation of System software allows other applications software for its usage up to the mark.
3. Creation of work stations and online reliability software’s programmed by the developer to facilitate the users particularly in health, education, banking and social media sectors.

**System software helping users:**

1. Cash withdrawal through ATM instead of attending the banks.
2. Using of credit cards for payment in restaurants, shopping malls and fuelpumps etc instead of cash payments.
3. Helps in downloading files, movies, games etc.

 (b) Write a few advantages of open source software’s? (5)

**Advantages of open source software’s**

The most obvious advantage of open source software that:-

1. The Open software’s developed by the software engineers / experts are easily accessible and users will not face any kind of difficulties.
2. While using the open source software, no difficult options / requirements are included by the developer to facilitate the users .
3. Using the open source software can help you to minimize your expenses.

 Q2. (a) Differentiate between Optical and magnetic storage?(5)

**Optical Storage**

1. Stores data optically.
2. Requires Laser light to read and write data.
3. It has less storage than the hard disk.
4. Data on the disk will not be damaged by magnetic fields.
5. Optical storage devices are , CD-ROM, CD-R, CD-RW, DVD etc
6. Easy and safe to take around.

**Magnetic Storage**

1. Stores data in the magnetic form.
2. Doesn’t require Laser light to read and write data.
3. It has high storage capacity.
4. Magnetic field can destroy the data stored on magnetic storage devices.
5. Magnetic storage devices are , Hard disk, Floppy disk, Magnetic tape etc.
6. Not as safe as optical storage devices to take around.

(b) Discuss the importance of main memory? (5)

Main memory is the primary, internal workspace in the computer known as RAM

**Importance of Main Memory:**

1. It stores software applications and other information for CPU to have fast and direct access when needed.
2. A computer cannot run without the main memory.
3. In main memory data stores very quickly.
4. Main memory is usually volatile memory.
5. Main memory accesses in the computer firstly and directly.

Q3. Based on the discussion related to internet and its services, elaborate the effective use of internet in current health emergency and how different sectors of life are benefiting from it? (10)

**Effective use of Internet:**

The effective use of internet in current health emergency are

1. Peoples are getting preventive measures and safety precautions through internet.
2. Students are getting online classes and sent their assignments through respective web portal of concerned educational institutes.
3. Due to closure of private clinics and not existence of doctors, peoples are getting medical advises and consultancy facilities online from their respective doctors instead of routine visits.
4. As peoples are free at home. So they are improving their skills and trying to learn some new things through internet for example cooking , art etc

In the wake of precautionary measures announced by the Government, there are many sectors which have been facilitated through online internet facility to avoid spreading of Corona Virus (Covid-19) as per following detail

1. **In education sector**

In education sector institutes are providing online classes to the students.

1. **In Government sector**

 The Government offered online registration process for deserving citizen for seeking financial and other benefits through various forces such as Tiger Force.

1. **In business management sector**

 In business management sector peoples are buying online products without paying any market visit and on the other hand business community is also facilitated in selling their products.

1. **In other sectors**

 In other sectors the innovative and effective use of internet is made in disposal of work through online video links, meetings and online submission of progress reports in public and private sectors.