

Page (1)

NAME:- Muhammad YASEEN.
Dep :- 2nd Microbiology
Subject Paper :- computer.
ID :- 16705.

Q1) Write a few benefits of Public Domain Software:-

Ans. Def:-

Public-domain software is software that has been placed in the public domain: in other words there is absolutely no ownership such as copyright trademark or patent. Software in the public domain can be modified, distributed or sold even without any attribution by anyone. This is unlike the common case of software under exclusive copyright, where software licenses grant limited usage rights.

Q1) Advantage of Public Domain Software:

- 1) Shareware is free can be copied and is covered by copyright.
- 2) Public Domain Software can be copied and modified
- 3) They are free to use

Page (2)

4) No Permission is required to use.
5) Freeware ~~can~~ is free, and is covered by copyright.

2) Disadvantages:-

1) ~~Shareware~~ ~~is~~ ~~free~~ ~~can~~ ~~be~~ ~~used~~ ~~and~~ ~~is~~ ~~covered~~ ~~by~~ cannot

1) Shareware cannot be modified and it may be either a cut down or temporary version.

2) Not covered by copyright.

3) You can't sell freeware software and modified software must be freeware.

4) Lot of information leads to confusion

5) Verify the authentic information available in the domain.



Q1

Discuss the important of System Software and how it helps user.

Ans

importance of system software

- => System software is computer software that is designed to operate the computer hardware and to provide and maintain a platform for running the application software on, one of the most important and widely used system software is the computer's operating system.
- => System software is important for impor. improve the performance of computer system.
- => it also needed for running applications software.

Example

operating system, compiler loader, linker, interpreter.

System software used for:-

System software is a collection of programs that supports computer operation. it is closely tied to computer architecture. By taking care of basic tasks such as input output and data storage, system software allows application developers to focus on specific tasks

Page (4)

Their software need to accomplish
Example: OF System Software
include operating systems, device
driver programming tools and all
of the other utility programs
that allow the computer to
function.

- ⇒) Running other software
- ⇒) Communication with peripheral devices.
- ⇒) Development of other software
- ⇒) Monitoring use of various hardware resources.



Page (5)

Q2) Explain different categories of Transmission Speed?

Ans 1) Narrow band :- sub voice grade channels in range from 45 to 300 baud. mainly used for telegraph lines and low speed terminals.

2) Voiceband :- Voice grade channels with speed up to 9600 baud. mainly used for ordinary telephone voice communication and slow I/O devices.

3) Broadband :- High speed channels with speed up to 1 million baud or more. mainly used for high-speed simultaneous transmission of data.

Q5) Differentiate between optical and magnetic storage?

1) Optical storage :-

1) stores data optically and used laser to read/write.

2) it is not affected by magnetic field.

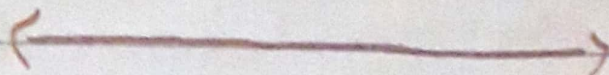
3) it has less storage than hard disk.

Page (6)

- 4) Stores data as patterned image.
s) Easy and safe to take around.
b) Data on the disks will not be damaged by Magnetic Field.

② Magnetic Storage:-

- ① Stores data in magnetic form
② it is affected by magnetic field
③ it has high storage capacity.
4) not as safe as optical storage devices to take around.
s) Magnetic field can destroy the data stored in magnetic storage device.
b) faster data read and write.



Q3) Base on the discussion related to internet and its services which service you think has been most useful in current situation? Explain that service and why have you chosen it.

Ans:-

Internet:-

- => The internet is a global system of interconnect computer network.
- => Consists of millions of private, public academic business and go. government network.
- => Carries an extensive range of information resources and services.
- => Also called distributed system.
- => improved through world wide web.

Term of service most used:-

- ① Facebook :-
- ② whatsapp :-

① Facebook:-

Facebook build's technologies and services that enable people to connect with each other build communities and grow businesses.

This term govern. your we Facebook messenger and the other product feature apps, services technologies and

Page (8)

=1) Software we offer the Facebook Product we don't sell your personal data to advertisers and we don't share information that directly identifies you (such as your name email address) or other contact information.

advantages of using Facebook are.

it help to communicate and collaborate people across distance. It allow us to share with other ~~to~~ what you desire to share. such as ask public opinion ask question etc.

4) You can share your picture.

② whatsapp.

The popular messaging and voice over ip service owned by facebook help people sent text messages voice calls, recorded voice messages video call images document and user location and audio media messages from one smart phone to another instantly.

Advantages:-

- ① whatsapp is completely free for us
- 2) instantly sent a message to anywhere in the world.
- 3, Easy to use even a novice mobile user can use it.
- 4) Voice call support.
- 5) Video calling available.

← The end →