

COMPUTER SCIENCE

CHAPTER 3

INTERNET

Q1. WHAT DO YOU MEAN BY A NETWORK?

Ans. When multiple computers are connected together, it is called network.

Q2. WHAT DO YOU MEAN BY INTERNET? WRITE ITS FEW USES.

Ans. Physical network of computer spread all over the world is called Internet.

USES OF INTERNET

1. Sharing research and business data.
2. Communication using social networking websites and email.
3. E-shopping using various websites like amazon, Flipkart etc.
4. Net Banking means getting banking facility at home on your computer
5. Create and access various applications, quizzes and games online.
6. Doing business on internet that is e commerce.

Q3. WRITE ABOUT THE HISTORY OF INTERNET.

Ans. In 1969 US Department of Defence started a project to allow researchers and military people to communicate. And named the project as ARPANET(Advanced Research Project Agency Network). Later, in 1980 another agency NSF (National Science Foundation) created another network named NSFNET(National Science Foundation Network) for academic purposes. Later few more companies created their own networks and all these companies joined hands with each other and formed Internet. Internet is not governed by any particular body. It is managed by many Volunteer organizations like IAB, IETF, INTERNIC etc.

Q4. Define the following:

- 1) Web browser
- 2) Web site
- 3) Webpage
- 4) Home page
- 5) Search Engine

Ans. **Web Browser**

Web browser is an application software used for retrieving and traversing information resources on world wide web. For example : Safari, Google Chrome, Internet Explorer, Opera etc.

Websites

Collection of webpages which contain text, images, videos and other information is called website. A website has a unique address on the internet. For example: www.google.com, www.dpsdwarka.com etc.

Webpage

Each and every page of a website is called webpage.

Homepage

First page of a website is called a Homepage.

SEARCH ENGINE

It is a website which points you to hyper text links with URL to other pages. You can click on them to go to specific website or webpage. For example: WWW.GOOGLE.COM, WWW.YAHOO.COM, WWW.ALTAVISTA.COM

Q5. DEFINE WWW.

ANS. WWW is World Wide Web. It was invented by Tim Berners Lee in 1991. WWW holds millions of webpages containing information in the form of text and images. These pages are published by government, general public or large companies in a standard hyper text format by using HTML (Hyper Text Markup Language).

Q6. Differentiate between Website and Webpage.

Ans. **Websites**

Collection of webpages which contain text, images, videos and other information is called website. For example: www.google.com, www.dpsdwarka.com etc.

Webpage

Each and every page of a website is called webpage.

Q. Internet is managed by _____, _____ and _____.

Ans. Internet is managed by **IAB, IETF, and INTERNIC.**

Q7. Differentiate between Search Engine and Web Browser.

Ans. **Search Engine**

It is a website which points you to Hyper text links with URL to other pages by typing keywords in the search box. For example: www.google.com, www.yahoo.com, www.altavista.com

Web Browser

Web browser is an application software used for retrieving and traversing information resources on world wide web. For example : Safari, Google Chrome, Internet Explorer, Opera etc.

Q8. Define the following:

- 1) Hyper text
- 2) Hyper link

Ans. **Hypertext**

Hypertext is special text which is used to create a webpage or to create a link to a website. The term was coined by Nelson in 1965.

Hyperlink

Hyperlink is an underlined word or phrase which connects to another webpage or website. It can also be a graphic image or an icon.

Q9. Differentiate between IP Address and URL.

Ans. **IP Address**

It stands for Internet Protocol. Every server on Internet has an IP number or address which is a unique combination of four parts separated by dots. For example:

168.250.255.001

URL

URL stands for Uniform Resource Locator. Every website has a unique address on Internet which is used to identify it. It is word based naming scheme. For example:

<http://www.dpsdwarka.com>.

Q10. Define Domain name. What are its three parts?

Ans. **Domain Name**

It is a unique name given to each website instead of using IP address, Domain name is used to identify the location of particular webpage. It consist of 3 parts. For example:

www. Dpsdwarka. com

machine name Mid level Domain Top level Domain

The diagram illustrates the structure of the domain name 'www.Dpsdwarka.com'. A horizontal line is drawn above the domain name, with three vertical lines extending downwards from it. Each vertical line points to a label below: 'machine name' under 'www', 'Mid level Domain' under 'Dpsdwarka', and 'Top level Domain' under 'com'.

Q11. Write few top level domains.

Ans.

Some common Top Level Domain	
.com	Commercial entity
.edu	Educational Institution
.gov	Government organisation
.mil	Military
.net	Network Resources
.tv	TV channels & company
.org	Non profit organisation
.int	International Treaty Organization
.info	Commercial and personal

Q12. Write few International suffixes or country abbreviations.

Ans.

Some International Suffix

.au	Australia
.dk	Denmark
.fr	France
.jp	Japan
.nz	New zealand
.uk	United Kingdom
.us	United States
.in	India
.ca	Canada
.cn	China
.es	Spain
.nl	Netherland
.gb	Great Britain