**Class X Computer Application**

**Chapter 2- Internet Services**

**Type A: Multiple Choice Questions (MCQ)**

(i) World Wide Web

(ii) Search engine

(iii) Google Chrome

(iv) Internet chat

(v) Video conferencing

(vi) None of these

(vii) @

(viii) TELNET

(ix) Mail can be sent to multiple recipients.

(x) Inbox

(xi) FTP

(xii) Newsgroup

(xiii) Time saving

(xiv) All of these

(xv) Facebook

**Type B: State Whether the Following Statements are True or False**

(i) True

(ii) False

(iii) True

(iv) True

(v) True

(vi) False

(vii) False

(viii) False

(ix) True

(x) True

(xi) True

(xii) True

**Type C: Very Short Answer Type Questions**

(i) Web browser is client based application is used to explore WWW.

(ii) The four most popular web browsers used across the world are: Google Chrome, Mozilla Firefox, Internet Explorer, and Apple Safari.

(iii) World Wide Web is called Virtual Hypertext Network.

(iv) The three basic components of search engine are:

**D** The Spider or Web Crawler

The Database or Index

The Search Algorithm

(v) Some examples of the Search Engines used to find people on the Internet are: wink, Google, Pipl, Classmates, etc.

(vi) Chatrooms are online place where people of same interest chat together.

(vii) Process of sending mails electronically is called e-mailing.

(viii) The two parts of the e-mail address are: Username and host or domain name.

(ix) An attachment of upto 25 mb can be sent along with the e-mail message.

(x) Internet Chat and Video conferencing are Internet facilities that allow the users to communicate in real time.

(xi) Anonymous and Non-anonymous are the two types of FTP servers.

(xii) There is no limit to transfer a file using FTP service.

(xiii) Microphone, Web camera, speakers or headphone, monitor or projector, internet connection are the hardware requirements to use video conferencing facility.

(xiv) E-commerce means doing business online through Internet or networked computer system.

**Type D: Short Answer Type Questions**

(i) World Wide Web is one of the information retrieval services of Internet which offers information on any imaginable topic. It is one of the largest pools of information stored in the form of interlinked web pages which are navigated using the hyperlinks present on these.

(ii) Web browser is a client end application used for retrieving, presenting and traversing information resources available on World Wide Web.

Web browser interacts with the web server through HTTP and sends request for the required resource. When the web server sends back required resource, it displays it in the presentable form on client machine.

(iii) Search Engine is one of the server resident programs which help the user on the client machine to locate the specific information with the help of search keywords. The Spider or Web Crawler a component of search engine which compiles the list of URLs and the keywords associated with it.

(iv) To quickly search on the World Wide Web using search engines:

1.To search any phrase enclose it in Quotation Marks/ double quotes (“”) .

2. Avoid asking question.

3. Words which appear in capital letters are to searched by entering in capital for case sensitive search.

4.Wildcards are to be used for pattern words.

(v) Internet chatting is one of the online communication system which help the people to conserve with each other in real time by exchanging text or voice message whereas e-mailing service is used to send and receive message electronically. Chatting messages are delivered instantly whereas e-mail messages are collected in recipient mail box.

(vi) **Advantages:**

**Very fast:** Mails are delivered within no time to the destination.

**Cost effective:** It costs less than the conventional mail.

**Solutions**

**Disadvantages:**

**Needs computer knowledge:** As the mails are sending electronically, basic working knowledge of computer is required for using this service.

**Impersonal:** Electronic messages are impersonal as you cannot write mails in your own handwriting and signatures.

(vii) Cc stands for Carbon Copy and is used to mail the copy of the e-mail to the other recipients along with main recipient. In this the recipients come to know that they have received the copy of mail sent to someone else whereas Bcc stands for Blind Carbon Copy which has the same purpose as that of CC but in this , recipients does not come know that he is receiving the copy of a message.

(viii) FTP stands for File Transfer Protocol which is used to transfer files online using internet service between the FTP server and client. Difference between two types of FTP servers:

**Anonymous FTP:** It allows the user to download files without any proper authorisation as the user can login as a guest user.

**Non-anonymous FTP:** It does not allows to access the server without proper authorisation

i.e., only the registered users with appropriate permission can access the services of this server.

(ix) Telnet is one of the Internet facilities which allow the user to establish a connection with remote computer so as to use the resources of the remote system. Various type of resources that can be accessed using Telnet are database, catalogues and tools like WWW,FTP, Gopher, etc.

(x) Video Conferencing is the one of the powerful facility which helps to conduct virtual meeting between two or more terminals in real time.

For business community, it is a useful service as to conduct the meetings between the people located at different places; there is no need to travel to common place. In the field of education, it can help the student to attend the live lectures of the teacher from the distant location.

(xi) A newsgroup is a virtual group created over the Internet for posting and sharing news and images among the users of common interest whereas Social networking is an Internet service that focuses on building relationship individuals from the distant location.

**Type E: Long Answer Type Questions**

(i) Commonly used services available on the Internet are:

**World Wide Web:** This is one of the information retrieval services of Internet which offers information on any imaginable topic.

**E-mailing:** One of the popular internet service which allows to send and receive message electronically from one system to another on the internet.

**Chatting:** An online communication system which helps the people to conserve with each other in real time by exchanging text or voice message.

**FTP:** This facility used to transfer files online using internet service between the FTP server and client.

**Video Conferencing:** This facility is used to conduct virtual meeting among the users at different locations.

(ii) Search Engine is one of the server resident programs which help the user on the client machine to locate the specific information with the help of search keywords entered by the user.**Solutions**

Search Engine maintains a database of related keywords and resources which is created by Spider or Web Crawler; the part of search engine which scans the web server for the newly added URL’s or links. When user enters the keywords to search some information, it uses Search Algorithm to perform the search in the database and returns the links to the web page URLs containing the required information.

(iii) Electronic mail delivering system works just in a same way as the traditional mail system. An e-mail address issued by the e-mail service provider issued fro sending or receiving the mails.

When a mail is sent by the user, it is first collected by the senders service provider and then it is dispatched to the receivers service provider and then it is stored by the service provider to the receiver’s inbox. The receiver then log into its account to access its inbox and see the mails received in it.

(iv) Social networking is an online community services where the people of common interest share message, ideas, event, etc. The services mainly focuses on building of social relations where an individual creates its profile containing information about itself , upload pictures and post entries to share with friends or public. A blog is a kind of online journal that allows users to share their ideas, views or opinions with the readers of its blog who may post their comments on these entries. Unlike social networking where

Individual interact or share information with their friends. Blogging allows one to many communication as the postings done by the blogger can be viewed by anyone and they can post their comments on the post.

(v) Different applications of e-commerce are:

**E-banking:** this is an online banking service which allows the account holder to undergo financial transaction related with his account through internet from anywhere in the world.

**E-shopping:** This service allows the customer to purchase product or services online stores.

**E-reservation:** Using this service system user can reserve train or air tickets do hotel reservations with the help of Internet.

**Type F: Application Oriented Questions**

(i) He need to use specific keywords related with the topic avoiding the unnecessary words. If there are some exact phrases to be searched then it is better to enclose them in quotes and the search should not be in the form of a question.

(ii) The company should setup a video conferencing system at its various offices which will avoid the wastage of time and money involved in travelling to a common place for meeting.

(iii) (a) The various real time tools that can be used for these activities are blogging, newsgroups, forums, etc.

(b) Social networking

(iv) He can create a blog for the purpose which is a free of cost service that allows the user to post its ideas and view. The readers can post their comments on the same.

(v) Airtel and MTNL.

(vi) She needs a broadband connection. FTP protocol can be used for uploading or downloading files.

**Type G: Fill in the Blanks**

(i) information

(ii) URL

(iii) Browsing

(iv) Google

(v) \*,?

(vi) Chatting

(viii) Blind Carbon Copy

(ix) Trash

(x) User ID, Password

(xi) uploading

xii) non-anonymous

(xii) telnet

(xiii) Forum

(xiv) Newsgroup