

## **WEB APPLICATION**

### **UNIT :2**

#### **Fill in the blanks**

1. The option in Microsoft Windows XP used for helping users with physical disabilities and to reduce repetitive strain is sticky keys
2. Sound Sentry is designed to help users with auditory impairments.
3. The High Contrast option in Microsoft Windows XP is designed to assist people with vision impairments.
4. Serial keys is designed to assist people that have difficulty using a keyboard or a mouse.
5. The acronym for LAN is LOCAL AREA NETWORK
6. Three types of Wired Internet Connectivity are Dial up ,DSL & Cable internet.
7. Three types of Wireless Internet Connectivity are 3G, 4G & WIFI.
8. Instant message is a form of communication over the Internet that offers an instantaneous transmission of text-based messages from sender to receiver.
9. Headphone, Speaker & Microphone & Web Camera are required for audio and video conferencing.

#### **Question and answers**

Q1. What is the definition of networking?

Ans : A computer network is a collection of computers and other hardware components interconnected by communication channels (cables or satellites) that allow sharing of resources and information.

Q2. What are the advantages of networking?

Ans: Some of the advantages associated with networking are:

- **Data Sharing:** One of the most important uses of networking is to allow the sharing of data. Users can send text files, spreadsheets, documents, presentations, audio files, video files, etc. to other users.
- **Hardware Sharing:** Hardware components such as printers, scanners, etc. can also be shared. For example, instead of purchasing 10 printers for each user, one printer can be purchased and shared among multiple users thus saving cost.
- **Internet Access Sharing:** You can purchase a single Internet connection and share it among other computers in a network instead of purchasing multiple Internet connections for each computer. This is very commonly found in Internet café (browsing centres), schools, colleges, companies, etc.
- **Usage of network based applications** such as web browsers, email clients, chat application, audio & video calling, etc is another advantage.

Q3. What are the different types of networking?

Ans: The different types of networking are :

- 1) LAN
- 2) MAN
- 3) WAN

Q4. Explain LAN and WAN.

**1) Local Area Network A local area network (LAN)** - is one which connects computers and devices in a limited geographical area such as home, school, computer laboratory, office building, or closely positioned group of buildings. Usually local area networks offer very high speeds and are used for connecting computers and peripherals such as printers, scanners, etc.

**2) Wide Area Network A wide area network (WAN)**- is one which covers a broad area (i.e., any network that links across metropolitan, regional, or national boundaries). The Internet is the most popular WAN, and is used by businesses, governments, non-profit organizations, individual consumers, artists, entertainers, and many others.

Q5: List any five application based instant messaging software.

Ans: Google Talk , Yahoo! Messenger , Skype , Windows Live Messenger , Rediff Bol, etc.

Q6: What is the mean of instant messages?

Ans: Instant messages is a form of communication over the Internet that offers an instantaneous transmission of text-based messages from sender to receiver.

Q7. State any 03 rules and etiquettes to be followed while chatting on the Internet.

Ans: There are some general rules and etiquettes to be followed while chatting:

- Messages should be short and to the point.
- Always introduce yourself by name if your screen name doesn't reflect it.
- Always ask if the other person has time to chat first - regardless of how important you think what you have to say is, it's not going to be well received if the recipient is busy.
- In a business environment, know exactly what you want to discuss.
- Typing your messages in uppercase is extremely rude - it's considered shouting and very aggressive.
- Give people time to respond - Multiple questions sent to a recipient before they've had a chance to answer can seem more like an interrogation rather than a conversation.
- Wherever possible, give the person you are communicating with your undivided attention. It's not just a sign of respect, but if you have multiple conversations happening or are allowing other issues to distract you, you may miss an important point in the other person's messages or lose the gist of the conversation.
- It's important to properly end an IM conversation - you may think the chat is over, but the other person may not. While you're off doing other things, they may be sitting there staring at the screen waiting for further communication from you!!

Q8. What are the basic needs to use instant messaging (chat) softwares.

Ans: The basic needs to use instant messaging (chat) softwares.

- 1) Active internet connection
- 2) Chat software to be downloaded
- 3) An account on that application.

Q9. Explain the purpose of a blog.

Ans: A blog is a discussion style site used by non-technical (or technical users) users for creating personal web pages. Blogs are similar to an online personal diary and simple to use. You can use a blog to convey messages about events, announcements, news, reviews, etc.

Q10. List any 5 websites that provide blog service.

Ans: Some of the popular blogs include:

- [www.WordPress.com](http://www.WordPress.com)
- [www.blogger.com](http://www.blogger.com)
- [www.blog.com](http://www.blog.com)
- [www.weebly.com](http://www.weebly.com)
- [www.blogsome.com](http://www.blogsome.com)

Q11. Difference between web page and website.

Ans: Web page: one single page with information is called webpage and collection of webpages are known as websites.

Q12. 1. Explain the purpose of an offline blog editor.

Ans : If you do not have an active internet connection, you can create blogs using a blog application and publish the blog whenever internet connectivity is available.

Q13. List any five offline blog editors.

Ans : • Qumana

- Windows Live Writer
- Blogdesk
- Blogjet
- Marsedit

Q14. Explain the purpose of Online transactions.

Ans : Online shopping is a form of electronic commerce where customers can buy or sell goods over the Internet. Customers need to have an active internet connection for viewing goods or services offered by a seller.

Online shopping could be useful in situations when:

- A customer does not have sufficient time to visit stores.
- Visiting a store is more expensive than purchasing a product online.
- A product or service that is not available in the local market is available online.

Q15. List any five websites that allow online transactions.

- IRCTC, an online portal for booking flight and train tickets.
- Flipkart, an online shopping portal for buying consumer products.
- EBay, an online portal for buying and selling goods.
- Redbus, an online portal for booking bus tickets.
- Amazon

Q16. List any three payment tools to use online transactions.

Ans : customers can pay online using a credit, debit card , cash on delivery or by internet banking.

Q17. Explain the purpose of Internet Security.

Ans : Internet security is a branch of computer security specifically related to the Internet, often involving browser security but also network security. Its objective is to establish rules and measures to use against attacks over the Internet. The Internet represents an insecure channel for exchanging information leading to a high risk of intrusion or fraud, such as phishing.

Q18. Explain different kinds of online threats.

Ans: Online threats such as Phishing, email spoofing, chat spoofing, etc

Phishing is the attempt to obtain sensitive information such as usernames, passwords, and credit card details (and, indirectly, money), often for malicious reasons.

Phishing is typically carried out by email spoofing or instant messaging, and it often directs users to enter personal information at a fake website.

Email spoofing is the creation of email messages with a forged sender address.