A. Check the Right Answer   (1*5)

1. Which operator narrows down your search results by displaying only those results which have all the keywords requested by you?
a. AND   b. OR   c. NOT   d. NULL
Ans: AND

2. Which protocol is used for a reliable and fool-proof data transmission over the network?
a. FTP   b. IP   c. TCP   d. HTTP
Ans: TCP

3. Which protocol is used to send messages from a mail client to a mail server?
a. FTP   b. IP   c. SMTP   d. IMAP
Ans: SMTP

4. Which term is used to describe a wide range of applications and processes designed to deliver instructions through electronic means?
a. E-shopping   b. E-commerce   c. E-learning   d. E-reservation
Ans: E-learning

5. Which program runs on your computer and connects you to a news server on the Internet?
a. Newsreader   b. Spider   c. Newsgroup   d. E-mail
Ans: Newsreader

B. Application Based the following   (1*5)

1.   Amit has to prepare a presentation on 'Global Warming'. He wants to find information on this topic from the Internet. Which internet service will help him to find the relevant data? Give an example for the same.
Ans: AMIT SHOULd use any search engine like google yahoo etc

2.   Computer teacher has asked Shruti to send an e-mail. She has also mentioned that Shruti should first identify the protocol which is being used for sending e-mails and explain it in the mail. Help her to complete this assignment.
Ans: SMTP

3.   Raman wants to install VLC media player on his PC. He has found the link where the setup is available. However, he has forgotten which process will be used to save it on his PC. Help him to identify the process.
Ans: RAMAN HAStoselect download from menu which appears on right clicking the link

4.   Mr. Verma wants to conduct a corporate meeting between all the branches of his company, across the globe. He wants to have a face to face conversation with all the Regional Managers. Which internet service should he use for this virtual meeting?
Ans: MR. VERMA must use video conferencing

5.   Simran has a hobby of writing poems. She wants to share her poems with the world. What kind of website should she create to make her poems public and share her thoughts with everyone?
Ans: She must use blog writing sites such as blogspot

1 What do you understand by the term WebCrawler?
Ans : A **Web crawler**, sometimes called a **spider**, is an   also known as **web robot** that systematically browses the World Wide Web, typically for the purpose of Web indexing (*web spidering*).

2 What is an AND operator and how does it help in the search process? Explain with the help of an example.
AnsThe AND operator is inclusionary and thus limits your search.It should be used for targeting required skills, experience, technologies, or titles you would like to limit your results to. Unless you are searching for common words, with every AND you add to your Boolean query, the fewer results you will typically get.
Example: Java AND Oracle AND SQL AND AJAX

3 What are protocols? Name any one protocol used on Internet.
Ans : The protocol defines the rules syntax, semantics and synchronization of communication and possible error recovery methods. Protocols may be implemented by hardware, software, or a combination of both eg: http,smtp,pop

4 Distinguish between downloading and uploading files.
Ans**Uploading** is the process of putting web pages, images and **files** onto a web server.**Downloading** is the process of getting web pages, images and **files** from a web server. To make a **file** visible to everyone on the internet, you will need to **upload** it.

5 Why is e-mail so popular over conventional mail?
AnsEmail is more popular than regular mail because its quicker and easier and doesn't cost any money for stamps. electronic mail proves to the biggest fastest instant transmission of the message

6 What is the function of Chat?
Ans :**Online chat** may refer to any kind of communication over the Internet that offers a real-time transmission of text messages from sender to receiver. Chat messages are generally short in order to enable other participants to respond quickly. Thereby, a feeling similar to a spoken conversation is created, which distinguishes chatting from other text-based online communication forms such as Internet forums and email..

D. Answer The Following   (3*6)

1 Explain the terms (i) HTTP (ii) FTP

HTTP: The **Hypertext Transfer Protocol** (**HTTP**) is an application protocol for distributed, collaborative, and hypermedia information systems.[1] HTTP is the foundation of data communication for the World Wide Web. Hypertext is structured text that uses logical links (hyperlinks) between nodes containing text. HTTP is the protocol to exchange or transfer hypertext.

FTP: The **File Transfer Protocol** (**FTP**) is the standard network protocol used for the transfer of computer files between a client and server on a computer network.

2 Define the terms Blog, Blogging and Blogger.
Ans: A **blog** (a truncation of the expression "**weblog**")[1] is a discussion or informational website published on the World Wide Webconsisting of discrete, often informal diary-style text entries ("posts"). Posts are typically displayed in reverse chronological order, so that the most recent post appears first, at the top of the web page..
Blogging:
 Blogging is the act of posting content on a **blog** (a Web log or online journal) or posting comments on someone else's blog.
Blogger: Blogger allowed users to publish blogs on other hosts, via FTP. All such blogs had (or still have) to be moved to Google's own servers, with domains other than blogspot.com allowed via custom URLs.[6] Unlike WordPress.com, Blogger allows its users to use their own domain free of charge,

3 What is a search engine? Give two examples.

Ans : A **web search engine** is a software system that is designed to search for information on the World Wide Web. The search results are generally presented in a line of results often referred to as <u>search engine results pages</u> (SERPs). The information may be a mix of <u>web pages</u>, images, and other types of files example: google

4 what is the difference between IMAP and POP?
Ans :

POP3 - Post Office Protocol	IMAP - Internet Messaging Access Protocol
You can use only one computer to check your email (no other devices)	You can use multiple computers and devices to check your email
Your mails are stored on the computer that you use	Your mails are stored on the server
Sent mail is stored locally on your PC, not on a mail server	Sent mail stays on the server so you can see it from any device.

5 List out the advantages of video conferencing.

AnsA video-conference has the following advantages:
- It avoids the participants having to spend time travelling to meet each other.
- Saves travel costs.
- The participants in different locations are able to work on the same electronic document.
- Seeing the person that you are communicating with can give important visual clues that are not available during a telephone conversation.
- It can be used to allow an expert to investigate a problem without making a site visit, for example an engineer could view components that have failed so that the correct replacement parts can be supplied.

6 What is E-shopping? Give two examples of online shopping websites.

Ans :**E-shopping** is a transaction of buying or selling online. Electronic commerce draws on technologies such as mobile commerce, electronic funds transfer, supply chain management, Internet marketing, online transaction processing, electronic data interchange(EDI), inventory management systems, and automated data collection systems