

Exercises for Chapter 03

1. Define : Search engine, computer network.

- A search engine is a software system that finds web pages that match a web search. They search the World Wide Web in a systematic way for particular information specified in a textual web search query. The search results are generally presented in a line of results, often referred to as search engine results pages.
- A computer network is a set of equipment linked together in order to share data, resources and exchange information

2. Name three (3) Web browsers.

- Google Chrome, Mozilla Firefox, Edge Explorer

3. What is the difference between the internet and the web ?

- The Internet is a global network of networks while the Web, also referred to formally as World Wide Web (www) is a collection of information that is accessed via the Internet. Another way to look at this difference is; the Internet is infrastructure while the Web is served on top of that infrastructure.

4. What is the difference between the Client/Server architecture and P2P architecture ?

- In the peer-to-peer network model, each computer system can act as a client and a server. In the client-server network model, there is a centralized server.
- In the P2P network model, each computer system stores individual files and data. In the client-server network model, the data is stored in the server.

5. What is the difference between a LAN network and a WAN network ?

- A LAN, abbreviated from Local Area Network, is a network that covers a small geographical area such as homes, offices, and groups of buildings. Whereas a WAN, abbreviated from Wide Area Network, is a network that covers larger geographical areas that can span the globe.

6. To use an email tool, what do you need ?

- A computer, tablet or smartphone.
- Internet access.
- An email account with a service provider such as Yahoo, Gmail

7. In an email, what does the Bcc field mean ?

- The Bcc field is the address of the secret recipient who will receive a copy of the email

8. What does the term URL mean ?

- URL = Uniform Resource Locator

9. What type of information can we exchange on the web ?

- The web allows the following information to be exchanged : * Text * Image * Video * Sound

10. What is the identifier of a machine in a network ?

- In a network, each machine is identified by an IP address

11. What internet service does the Dropbox application provide ?

- File transfer

12. A “contact group” is :

A) A list of email addresses reserved for sending urgent messages

B) A list of websites all relating to the same subject, and selected by a group of experts for their quality.

C) A mailing list allowing a group to automatically receive messages sent to the list.

D) A list of e-mail addresses allowing each member to know the e-mail address of everyone else.

13. Ammar received an email from Brahim and wishes to inform Amine of the contents of the email. He also wants to inform his manager that he has informed Amine. What action should Ammar take?

A) Transfer

B) Broadcast

C) Reply

D) Reply to all

E) Send as Cc

14. When sending a message to several people simultaneously, without one of the recipients seeing the addresses of the other people, we must use the field “**Bcc**” And which means “**Blind Carbon Copy**”

15. Scenario

The student Abir (abir.student@gmail.com) wants to send an email to her ICT teacher Mr. ELAGGOUNE (zelaggoune@gmail.com) to ask for the course material (course.pdf). She also wants to inform her colleagues in the promotion (licence01fr@gmail.com) of this request.

Complete the following table:

Action	To	Cc	Bcc	Subject
Action role	RECIPIENT	Carbon Copy	Blind carbon copy	Message subject
scenario illustration	zelaggoune@gmail.com	licence01fr@gmail.com	-	Course request