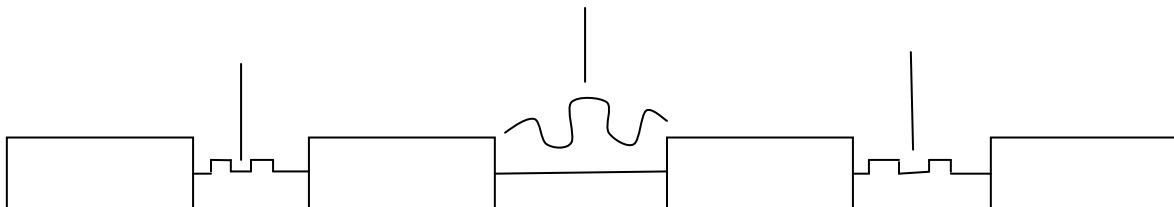


DATA COMMUNICATION – CHP 4

MULTIPLE CHOICE QUESTIONS

Choose the correct answer to each question listed below.

1. What is Data Communication?
 - a. The transmission of data from one location to another for direct use or further processing.
 - b. A system made up of hardware, software and communication facilities, computer terminals and input/output devices linked locally or globally.
 - c. A telegraphy system.
 - d. A channel used to transmit data at a rate of 1000-8000cps.
2. The three classes of channel that makes up bandwidth are:
 - a. Data, communication, transmission.
 - b. Analogue signals, digital signals, standard telephone line.
 - c. Narrow-band, voice-band, broad-band channels.
 - d. Automatic dialing, signal transmission, modems.
3. A data communication system is made up of which answer in question 1.
 - a. b
 - b. c
 - c. a
 - d. d
4. Coaxial cables, fiber optics cables, telegraph system and telephone line are grouped into which bandwidth classes of channel?
 - a. Narrow-band, broad-band, voice-band.
 - b. Digital signals, analogue signals, transmission channel.
 - c. Bandwidth, hardware, software.
 - d. Broad-band, narrow-band, voice-band.
5. Which bandwidth classes of channel can transmit data at a rate of 1000 -8000 cps?
 - a. Broad-band.
 - b. Narrow-band.
 - c. Voice-band.
 - d. Internal modem.
6. What does a data communication system need to carry data from one location to another?
 - a. Bandwidth.
 - b. Data transmission channels.
 - c. Standard telephone line
 - d. Telegraph system.
7. A bandwidth determines the volume of data that can be transmitted in a given time?
 - a. True
 - b. False
8. Complete the transmission signals over a telephone line diagram below:



9. Broad-band channel transmit data at speeds over 100 000cps. Which cable provides very high frequency signals that can be transmitted over space?
 - a. Coaxial cables.
 - b. Fiber Optics Cables.
 - c. Communication Satellites.
 - d. Microwave Signals.

10. Transmission lines are classified according to the direction data flows through these lines. The three (3) types of transmission lines are?
- Simplex, microwave links, half-duplex.
 - Simplex line, half-duplex line, full-duplex line.
 - Modem, analogue, half-duplex line.
 - Full-duplex line, simplex line, fiber optics.
11. Which transmission lines permits data to flow in one direction only i.e. you can send or receive data but not both?
- Full-duplex line.
 - Half-duplex line.
 - Simplex line.
 - Coaxial line.
12. Which transmission line permits data to be sent alternatively, i.e. you can send and receive but not at the same time?
- Simplex line.
 - Coaxial line.
 - Half-duplex line.
 - Full-duplex line.
13. Which transmission line can send and receive data simultaneously i.e. you can send and receive data at the same time?
- Full-duplex line.
 - Half-duplex line.
 - Simplex line.
 - Fiber optics.

COMMUNICATION SERVICES

Multiple Choice Questions

1. List the Services provided under Electronic Discussion Forums and provide a simple description:

- a.
.....
- b.
.....
- c.
.....
- d.
.....
 - i.
.....
 - ii.
.....
 - iii.
.....
 - iv.
.....
- e.
.....
- f.
.....
- g.
.....
- h.
.....

2. For e-mail messages to be sent, there must be a mail server and a mail client.

- a. True
- b. False

3. A Mail Sever is a computer on the internet that acts as a traditional post office

- a. True
- b. False

4. A Mail Client is a program hat enables users to read and compose e-mail messages.

- a. True
- b. False

5. Write an example of an e-mail address in the space provided:

- a.

6. WWW stands for..... and is a service on the internet.

7. A hypertext document is a document that contains:
 - a. Hypermedia
 - b. Hypertext
 - c. Hypertext and Hypermedia
 - d. HTTP
8. Hypertext allows you tofrom one document to the next.
9. Hypermedia is the general name for documents that contains
..... Or
10. A computer that stores and makes available hypertext and hypermedia is called a
..... Or
11. A computer that requests hypertext and hypermedia documents is called
12. HTTP stands for
13. HTTP is a set of
14. To find information on the web you use a Or a
..... also called a
15. Which program adds new pages to a database:
 - a. Spider
 - b. Web portal
 - c. Search engine
 - d. Online shopping
16. To find information on the web, you use ;
 - a. A Directory
 - b. Uniform
 - c. Key Or
 - d. Advanced
17. HTML stands for and is a
programming language used to
18. List the new services offered by the WWW and explain them:
 - a.
.....
 - b.
.....
19. Explain the following terms:
 - a. Intranets:
.....
.....
 - b. Extranet:
.....
.....