

4- Which one provides high-speed online connection that requires a special external modem with telephone lines.

- a) WiMAX
- b) Ethernet
- c) Digital subscriber line (DSL)
- d) Dial-up access

5- Which of the following is an example/es of a client- server network services?

- a) Reliability Services
- b) Streaming Services
- c) A & B are correct
- d) Accuracy Services

6- What is the correct Characteristic about ring topology?

- a) the performance depends on the central hub
- b) practical for home and small offices
- c) allows for easy expansion.
- d) using the token passing and circular fashion

7- The usage of the Coaxial cable includes the?

- a) Broadband communication
- b) Scientific Research
- c) Satellite communications
- d) telephones

8- Which wave is an example of radio wave ?

- a) Satellite
- b) Wi-Fi
- c) PDA
- d) Television Remote

9- Which one is true about the VPN?

- a) Encrypts the personnel only
- b) Masks your IP and Mac addresses

- c) Ensures that your online experiences are private, protected, and more secure
- d) A and C are Correct

10- Which type of the following that focus on the ? and *, that tells Google to “fill in the blank,” returning results for any word to improve search accuracy?

- a) Exclusion operators
- b) Wildcard symbols
- c) Inclusion operators
- d) Either operators

11- What is the layer that can decide which physical path the data will take?

- a) Physical
- b) Data link
- c) Network
- d) Application

12- Which of the following is false about Wi-Fi?

- a) Range from 300 – 500 ft
- b) Using the IEEE 802.11 standard
- c) Uses microwaves to provide a wireless LAN standard at Ethernet speeds
- d) Provides high speed connections and enables wireless devices

Question3: Fill-in-the-Blank Questions

- 1- _____ acts as the central hub of the cellular network. It is responsible for routing voice and data traffic.
- 2- _____ is when the networks can be easily expanded to accommodate more users and devices, making them able to meet growing organizational needs.
- 3- A _____ Connection oriented, take more time to set up connections and resources reserved
- 4- The _____ Topology allows when a node or connection fails, for the isolation that particular branch, and the rest of the network to continue working.
- 5- _____ provides privacy, high data rate, security, and easy installation.
- 6- The mapping between the IP and domain through servers called _____
- 7- _____ program designed to run a computer's hardware and applications and manage its resources, such as its memory, processors, and devices.
- 8- _____ utilities decrease the size of files, resulting in faster downloads.
- 9- _____ is a text displayed on a computer with references (hyperlinks) to other text that the reader can immediately access.
10. The _____ utility automatically downloads and installs updates and packs.
11. _____ lines provide extremely fast Internet access through that run directly to users' homes. And no modems are required.
12. _____ refers to the ability of different computerized products or systems to connect and exchange information with one another without
13. The _____ is the main high speed routes through which data travels.
14. It requires the operating system (OS) to stop and figure out what to do next.
An _____ temporarily stops or terminates a service or a current process.
15. Clients (users) connect to file servers to access and download files, documents, or other digital resources is called a _____ service.
16. _____ ensures that all applications have fair access to the CPU

Question4: list of examples

1. List three types of operating systems.
2. List two types of booting.
3. List two examples of system utilities.
4. List three methods to access the Internet.
5. List two examples of web browsers.
6. List two steps of Conversion process and explain them.
7. List of three parts of a URL.
8. List any two types of networks based on size.
9. List any two main components in the mobile network.
10. List three advantages of networking.
11. List three types of LAN topologies.

12. List three types of guided transmission media.

13. List two types of wireless transmission media.

14. List two examples of twisted pair cable.

15. List three disadvantages of networking.

16. List three of the Satellites applications

17. List three types of modems.

Question5: Compare between

- 1- Compare between cold boot and warm boot.
- 2- Compare embedded operating systems and standalone operating systems.
- 3- Compare GUI ,Menu and Command-line user interfaces.
- 4- Compare between the Hyperlinks and Hypertext.
- 5- Compare between the Client- Server Model and P2P Model
- 6- Compare IP address and Domain name.
- 7- Compare twisted pair cables and fiber-optic cables.
- 8- Compare Wi-Fi and Bluetooth.

Question 6: Explain and Discuss

1. Explain the parts of a URL and how to access Web pages.
2. Contrast Web subject guides and search engines.
3. Explain how search operators can improve Web search results.
4. Define bandwidth and discuss the bandwidth needs of typical users.
5. Discuss how modems transform digital computer signals into analog signals.
6. Discuss how the cellular network works briefly.
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More details will be discussed in the revision

All the best 😊