

# Computer Networks

## SET-3

By

**BHARAT BHUSHAN @ B. K. NAL**

Assistant Professor (Computer Science)

Director, BSTI, Kokar

&

**SUPRIYA BHARATI**

Assistant Professor (Computer Science)

Asst. Director, BSTI, Kokar



**Buddha Science & Technical Institute**

Kokar, Ranchi-834001, Jharkhand, India

[www.bharatsir.com](http://www.bharatsir.com)

1. A computer networks can provide a powerful \_\_\_\_\_ among employees.
  - A. communication medium.
  - B. community development
  - C. relationship development.
  - D. relationship development.
2. When the packets are small and all the same size, they are often called \_\_\_\_\_.
  - A. packet switched.
  - B. cells.
  - C. circuit switched
  - D. virtual circuit
3. Most governments have set aside some frequency bands called the \_\_\_\_\_ bands for unlicensed usage.
  - A. IFS
  - B. ISM
  - C. IRS
  - D. IVS
4. Sending packets to a group of stations is known as \_\_\_\_\_.
  - A. broadcasting.
  - B. multicasting.
  - C. Unicasting
  - D. point-to-point.
5. If a computer on the network shares resources for others to use, it is called \_\_\_\_\_.
  - A. server.
  - B. client.
  - C. Mainframe.

D. microcomputer

**6. What is the maximum data capacity of STP?**

A. 10 mbps.

B. 100 mbps

C. 1000 mbps.

D. 10000 mbps.

**7. The \_\_\_\_\_ portion of LAN management software restricts access, records user activities and audit data etc.**

A. Configuration management.

B. Security management

C. Performance management.

D. Resource management.

**8. The internet is divided into over 200 top level**

\_\_\_\_\_  
A. domain.

B. websites.

C. Webpages

D. crawlers.

**9. Protocols in which the sender sends one frame and then waits for an acknowledgement before proceeding are called \_\_\_\_\_**

A. sliding window.

B. stop and wait.

C. frame buffer.

D. analog.

**10. The commonly used protocol for webpage transfer is \_\_\_\_\_**

A. HTML.

B. HTTP.



- C. WML.
- D. WTTTP.

**11. The application layer of a network \_\_\_\_\_ establishes, maintains and terminates virtual circuits.**

- A. consists of software being run on the computer connected to the network
- B. defines the users port into the network.
- C. allows communication channel to be shared.

**12. \_\_\_\_\_ is a ring network.**

- A. ADI.
- B. ADDI.
- C. FDI.
- D. FDDI.

**13. Modulation is the process of \_\_\_\_\_**

- A. sending a file from one computer to another computer.
- B. converts digital signals to analog signals.
- C. converting analog signals to digital signals.
- D. echoing every character that is received.

**14. Which layer of OSI model is responsible for creating and recognizing frame boundaries?**

- A. Physical layer.
- B. Data link layer.
- C. Transport layer.
- D. Network layer.

**15. The OSI model consists of \_\_\_\_\_ layers.**

- A. 3
- B. 5
- C. 7

D. 8

**16. Demodulation is the process of \_\_\_\_\_**

- A. sending a file from one computer to another computer.
- B. converting digital signals to analog signals.
- C. converting analog signals to digital signals.
- D. **echoing every character that is received.**

**17. Which of the following divides the high speed signal into frequency bands?**

- A. T switch.
- B. Time division multiplexer.
- C. Frequency Division Multiplexer.
- D. Code Division Multiplexer.

**18. How many OSI layers are covered in the X.25 standard?**

- A. **3**
- B. 2
- C. 7
- D. 6

**19. How much power a light emitting diode can couple into an optical fiber?**

- A. 100 microwatts.
- B. 440 microwatts.
- C. 10 milliwatts.
- D. 100 picowatts.

**20. In a synchronous modem, the receive equalizer is known as \_\_\_\_\_ analyzer.**

- A. adaptive.
- B. statistical.
- C. impairment.

D. compromise.

**21. What is the main function of the transport layer?**

- A. Node-To-Node Delivery.
- B. Process-To-Process Message Delivery.
- C. Synchronization.
- D. Updating And Maintenance Of Routing Tables.

**22. One important characteristics of the hub architecture of ARC-net is**

- A. directionalized transmission.
- B. access control and addressing.
- C. multiple virtual networks.
- D. alternative routing.

**23. Transmission media are usually categorized as**

- A. fixed or unfixed.
- B. determinate or indeterminate.
- C. guided or unguided.
- D. metallic or nonmetallic.

**24. Coaxial cable has conductors with**

- A. equal resistance.
- B. the same diameter.
- C. a common axis.
- D. above the common axis.

**25. In an optical fiber the inner core is \_\_\_\_\_ the cladding.**

- A. more dense than.
- B. the same density as.
- C. less than dense.
- D. another name for.



ANSWER							
1.	A		11.	B		21.	B
2.	B		12.	D		22.	A
3.	B		13.	D		23.	C
4.	D		14.	B		24.	C
5.	A		15.	C		25.	A
6.	B		16.	C			
7.	C		17.	C			
8.	A		18.	A			
9.	B		19.	A			
10.	B		20.	A			