

Computer Networks

SET-1

By

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1. Network of networks is known as _____.
 - A. intranet.
 - B. internet.
 - C. Local Area Network
 - D. WAN.
2. The entities comprising the corresponding layers on different machine are called _____.
 - A. protocol.
 - B. peers.
 - C. interface.
 - D. flow control.
3. The number of oscillations per second of a wave is called its _____.
 - A. wavelength.
 - B. Frequency
 - C. spectrum.
 - D. sequence.
4. _____ is the loss of energy as the signal propagates outward.
 - A. Attenuation.
 - B. Distortion.
 - C. Noise.
 - D. Baud.
5. ISO stands for _____.
 - A. International Standard Organization.
 - B. International Student Organization.
 - C. Integrated Services Organization.
 - D. Integrated standard organization.
6. ISDN is an example of _____ network.

- A. packet switched.
- B. circuit switched.
- C. frame relay.
- D. ring based.

7. Print server uses spool which is a _____ that holds data before it is send to the printer.

- A. queue.
- B. buffer.
- C. node.
- D. ring.

8. A central computer surrounded by one or more satellite computers is _____

- A. ring.
- B. star.
- C. mesh.
- D. bus.

9. _____ bursting allows a sender tot transmit a concatenated sequence of multiple frames in a single transmission.

- A. Frame.
- B. Packet.
- C. Quantum.
- D. Stream.

10. Protocols in which the sender waits for a positive acknowledgement before advancing to the next data item are often called _____.

- A. ARQ.
- B. PPR.
- C. ARS.
- D. PRP.

11. Datagrams using header extension are called

- _____
- A. payload.
 - B. trailer.
 - C. datagram packets.
 - D. jumbograms .

12. The most flexibility in how devices are _____ together is provided by bus topology.

- A. wired.
- B. ring.
- C. star.
- D. switched.

13. A station in a network forwards incoming packet,s by placing them on its shortest output queue.

What routing algorithm is being used?

- A. Flooding.
- B. Hot potato routing.
- C. Static routing.
- D. Delta routing.

14. The probability that a single bit will be in error on a typical public telephone line using 4800 bps modem is 10^{-3} . If no error detection mechanism is used, the residual error rate for a communication line using 9- bit frames is approximately equal to _____ .

- A. 0.003
- B. 0.009
- C. 0.991
- D. 0.999

15. The _____ model shows how the network functions of a computer ought to be organized.
- A. CCITT.
 - B. OSI.
 - C. ISO.
 - D. ANSI
16. When data is transmitted from device A to device B, the header from A's layer 5 is read by B's _____ layer.
- A. physical.
 - B. Network
 - C. transport.
 - D. session.
17. The slowest transmission speeds are those of _____.
- A. twisted pair.
 - B. coaxial cable.
 - C. microwaves.
 - D. fiber optic cables.
18. The interactive transmission of data within a time sharing system may be best suited to _____.
- A. half duplex.
 - B. simplex lines.
 - C. biflex lines.
 - D. full duplex lines.
19. What is the minimum number of wires needed to send data over a serial communication link layer?
- A. 1
 - B. 2
 - C. 4

D. 6

20. In communication satellite, multiple repeaters are known as_____.

- A. detector.
- B. modulator.
- C. stations.
- D. transponders.

21. Number of bits per symbol used in Baudot code is _____.

- A. 7
- B. 8
- C. 5
- D. 9

22. Which of the following is possible in a token passing bus network?

- A. In-service expansion.
- B. Unlimited number of stations.
- C. Unlimited distance.
- D. Limited distance.

23. In fiber optics, the signal source is _____ waves.

- A. Light
- B. infrared.
- C. radio.
- D. very low frequency..

24. The amount of uncertainty in a system of symbol is called _____.

- A. bandwidth.
- B. entropy.
- C. loss.
- D. Quantum

25. What protects the coaxial cable from noise?

- A. Inner conductor.
- B. Outer conductor.
- C. Diameter of cable.
- D. Insulating material

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