

Computer Networks

SET-45

By

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1. is a standard suite of protocols used for packet switching across computer networks.
 - A. x.22
 - B. x.23
 - C. x.25
 - D. x.26
2. Piconets in the blue tooth a minimum of two and amaximum of Bluetooth peer devices.
 - A. five
 - B. eight
 - C. nine
 - D. four
3. What is the difference between a switch and a hub?
 - A. Switches operate at the physical layer while hubs operate at the data link layer
 - B. Switches operate at the data link layer while hubs operate at the transport layer
 - C. Switches operate at the data link layer while hubs operate at the physical layer
 - D. Switches operate at the transport layer while hubs operate at the physical layer
4. How can we examine the current routing tables in command prompt?
 - A. using route start
 - B. using net start
 - C. using net stat
 - D. either a or b
5. Why was the OSI model developed?
 - A. manufacturers disliked the TCP/IP protocol suite

- B. the rate of data transfer was increasing exponentially
- C. standards were needed to allow any two systems to communicate
- D. none of the above

6. Session layer of the OSI model provides

- A. Data representation
- B. Dialog control
- C. Remote job execution
- D. Creating logical connections

7. Which routing protocol below is used by exterior routers between the autonomous systems?

- A. RIP
- B. IGRP
- C. OSPF
- D. BGP

8. Which one of the followings is a connectionless protocol?

- A. UDP
- B. Ethernet
- C. IPX
- D. All of the above

9. The structure or format of data is called

- A. Syntax
- B. Semantics
- C. Struct
- D. Formatting

10. A is a device that forwards packets between networks by processing the routing information included in the packet.

- A. Bridge
- B. Firewall
- C. Router
- D. Hub

11. The functionalities of the presentation layer include

- A. Data compression
- B. Data encryption
- C. Data description
- D. All of the mentioned

12. OSI stands for

- A. Open system interconnection
- B. Operating system interface
- C. Optical service implementation
- D. Open service Internet

13. Bridge works in which layer of the OSI model?

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

14. What is the use of Ping command?

- A. To test a device on the network is reachable
- B. To test a hard disk fault
- C. To test a bug in an Application
- D. To test a Printer Quality

15. Which of the following is not associated with the session layer?

- A. Dialog control
- B. Token management
- C. Semantics of the information transmitted

- D. Synchronization
- 16. can detect burst error of length less than or equal to degree of the polynomial and detects burst errors that affect odd number of bits.**
- A. Hamming Code
 - B. CRC
 - C. VRC
 - D. None of the above
- 17. ICMP is primarily used for:**
- A. error and diagnostic functions
 - B. addressing
 - C. forwarding
 - D. none of the mentioned
- 18. Physical layer provides:**
- A. mechanical specifications of electrical connectors and cables
 - B. electrical specification of transmission line signal level
 - C. specification for IR over optical fiber
 - D. all of the mentioned
- 19. Identify the incorrect statement:**
- A. FTP stands for File Transfer Protocol
 - B. FTP uses two parallel TCP connections
 - C. FTP sends its control information in-band
 - D. FTP sends exactly one file over the data connection
- 20. Which organization has authority over interstate and international commerce in the communications field?**
- A. ITU-T

- B. IEEE
- C. FCC
- D. ISOC

21. The process of keeping addresses in memory for future use is called

- A. Routing
- B. Resolving
- C. Caching
- D. None of the above

22. Sending a file from your personal computer's primary memory or disk to another computer is called.

- A. uploading
- B. downloading
- C. logging on
- D. hangs on

23. What is the port number for HTTP?

- A. 99
- B. 86
- C. 80
- D. 23

24. Who invented the modem?

- A. Wang Laboratories Ltd.
- B. AT & T Information Systems, USA
- C. Apple Computers Inc.
- D. Digital Equipment Corp

25. Which of these is a feature of hubs?

- A. Hubs amplifies the incoming signal.
- B. Hubs understand frames, packets or headers

- C. All lines coming into a Hub must operate at a same speed.
- D. all of these

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