Quiz 2 Study Guide

1. Which of the following is not a basic building block of the Internet?
a. client/server computing
b. the SMTP protocol
c. the TCP/IP communications protocol
d. packet-switching hardware

2. The process of slicing digital messages into parcels, sending them along different communication paths as they become available, and reassembling them at the destination point is called:
a. routing.
b. the Transmission Control Protocol.
c. packet switching.
d. the File Transfer Protocol.

3. Which of the following is the core communications protocol for the Internet?
a. Telnet
b. FTP
c. TCP/IP
d. SSL

4. The Transport Layer of TCP/IP is responsible for which of the following?
a. placing packets on and receiving them from the network medium
b. addressing, packaging, and routing messages
c. providing communication with the application by acknowledging and sequencing the packets to and from the application
d. providing a variety of applications with the ability to access the services of the lower layers

5. An IPv4 address is expressed as a:
a. 32-bit number that appears as a series of four separate numbers separated by semicolons.
b. 64-bit number that appears as a series of four separate numbers separated by semicolons.
c. 64-bit number that appears as a series of four separate numbers separated by periods.
d. 32-bit number that appears as a series of four separate numbers separated by periods.

6. The natural language convention used to represent IP addresses is called the:
a. uniform resource locator system.
b. Internet protocol addressing schema.
c. domain name system.
d. assigned numbers and names (ANN) system.

7. The addresses used by browsers to identify the location of content on the Web are called:
a. domain names.
b. uniform resource locators.
c. IP addresses.
d. Hypertext Transfer Protocol.

8. \_\_\_\_\_\_\_\_ is a model of computing in which firms and individuals obtain computing power and software applications over the Internet, rather than purchasing and installing it on their own computers.
a. Client/server computing
b. P2P computing
c. Broadband computing
d. Cloud computing

9. Where within TCP/IP does SSL operate?
a. between the Internet Layer and the Transport Layer
b. between the Transport Layer and the Application Layer
c. between the Network Interface Layer and the Transport Layer
d. between the Internet Layer and the Application Layer

10. Where within TCP/IP does FTP run?
a. in the Application Layer
b. in the Internet Layer
c. in the Transport Layer
d. in the Network Interface Layer

11. The \_\_\_\_\_\_\_\_ is a largely academic group that sets HTML and other programming standards.
a. Internet Engineering Steering Group [IESG]
b. World Wide Web Consortium [W3C]
c. Internet Engineering Task Force [IETF]
d. Internet Society [ISOC]

12. The major technologies used with wireless local area networks are:
a. Wi-Fi standard and Bluetooth.
b. Wi-Fi standard and WiMAX.
c. Bluetooth and 3G.
d. WiMAX and 3G.

13. In the address http://www.company.com/clients.html, which of the following is the top-level domain?
a. .com
b. company.com
c. www
d. http

14. Which of the following is currently the second most popular Web browser?
a. Internet Explorer
b. Netscape
c. Safari
d. Firefox

15. Software programs that gather and/or filter information on the Internet on a specific topic and provide a list of the results may be called any one of the following except:
a. bots.
b. software robots.
c. intelligent agents.
d. avatars.

16. A(n) \_\_\_\_\_\_\_\_ is software that allows users to have digital content automatically sent to their computers over the Internet.
a. wiki
b. podcast
c. blog
d. RSS aggregator

17. A(n) \_\_\_\_\_\_\_\_ is a Web application that allows a user to easily add and edit content on a Web page.
a. wiki
b. podcast
c. blog
d. RSS feed

18. The protocol that enables the transmission of voice and other forms of audio communication over the Internet is called:
a. VoIP.
b. IPTP.
c. VTP.
d. IP.

19. You could most easily add personalized, interactive content to your Web page by incorporating a:
a. blog.
b. widget.
c. Flash file.
d. RSS feed.

20. The most widely used teleconferencing software suite is:
a. Skype.
b. Vonage.
c. WebEx.
d. Optimum.

21. In order from beginning to end, the major steps in the SDLC, are:
a. systems analysis/planning; systems design; building the system; testing; and implementation.
b. systems design; testing; building the system; and implementation.
c. systems analysis/planning; systems design; building the system; implementation; and testing.
d. systems analysis/planning; implementation; building the system; and testing.

22. Which of the following basic system functionalities is used to display goods on a Web site?
a. product database
b. digital catalog
c. shopping cart system
d. customer database system

23. Which system functionality must be implemented for your Web site to be able to personalize or customize a product for a client?
a. an ad server
b. a site tracking and reporting system
c. an inventory management system
d. customer on-site tracking

24. Which of the following typically includes a data flow diagram to describe the flow of information for a Web site?
a. physical design
b. logical design
c. testing plan
d. co-location plan

25. All of the following might be part of a Web site’s backend layer except:
a. a pre-existing corporate database.
b. a human resources system.
c. a production MRP system.
d. an application server.

26. The leading open source Web server software is:
a. Apache.
b. Microsoft Internet Information Server.
c. WebSTAR Server
d. Google Enterprise Server

27. Which of the following is used to process certificates and private/public key information?
a. HTTP
b. SSL
c. FTP
d. data capture tools

28. All of the following are basic functionality provided by Web servers except:
a. site management tools.
b. data capture tools.
c. security services.
d. a shopping cart.

29. Google Analytics is an example of which of the following?
a. search engine
b. site management tool
c. web browser
d. security services tool

30. Which of the following cannot be used to retrieve objects from a database?
a. CGI
b. ASP
c. JSP
d. HTML

31. Which of the following types of servers monitors and controls access to a main Web server and implements firewall protection?
a. proxy server
b. list server
c. groupware server
d. mail server

32. All of the following are basic functionality provided by e-commerce merchant server software except:
a. a product catalog.
b. marketing software
c. a shopping cart.
d. credit card processing.

33. A template that allows you to build an online store, such as that offered by Bigstep.com, is most appropriate for a:
a. medium-sized business with a wide variety of products.
b. small business with a relatively small variety of products.
c. large multinational business.
d. none of the above.

34. Which of the following is a high-end e-commerce suite?
a. Microsoft Commerce Server
b. IBM WebSphere Commerce Express edition
c. HyperMart
d. ATG

35. Which of the following is not an open source software tool?
a. WebSphere
b. Apache
c. MySQL
d. PHP

36. The number of hits per second that a Web site can handle depends on:
a. the number of simultaneous users.
b. the number of network connections the Web site has to the Internet.
c. the bandwidth between the Web site"s server and the Internet.
d. the speed of the Web server"s processors.

37. \_\_\_\_\_\_\_\_ is a programming language invented by Netscape used to control the objects on an HTML page and handle interactions with the browser.
a. VBScript
b. ActiveX
c. ColdFusion
d. JavaScript

38. The primary way a Web site is able to personalize the content presented to a visitor is through the use of:
a. privacy policies.
b. cookies.
c. accessibility rules.
d. site management tools.

39. According to the 2008 Computer Crime and Security Survey, the two most expensive types of security incidents experienced by respondent firms were:
a. financial fraud and dealing with bot computers.
b. laptop theft and theft of customer data.
c. loss of proprietary information and Web site defacement.
d. dealing with viruses and insider abuse.

40. \_\_\_\_\_\_\_\_ refers to the ability to ensure that e-commerce participants do not deny their online actions.
a. Nonrepudiation
b. Authenticity
c. Availability
d. Integrity

41. \_\_\_\_\_\_\_\_ refers to the ability to identify the person or entity with whom you are dealing on the Internet.
a. Nonrepudiation
b. Authenticity
c. Availability
d. Integrity

42. Which of the following is an example of an integrity violation of e-commerce security?
a. A Web site is not actually operated by the entity the customer believes it to be.
b. A merchant uses customer information in a manner not intended by the customer.
c. A customer denies that he or she is the person who placed the order.
d. An unauthorized person intercepts an online communication and changes its contents.

43. \_\_\_\_\_\_\_\_ refers to the ability to ensure that an e-commerce site continues to function as intended.
a. Nonrepudiation
b. Authenticity
c. Availability
d. Integrity

44. \_\_\_\_\_\_\_\_ refers to the ability to ensure that messages and data are only available to those authorized to view them.
a. Confidentiality
b. Integrity
c. Privacy
d. Availability

45. All of the following are file types most likely to be infected by a file-infecting virus except:
a. .exe.
b. .dll.
c. .doc.
d. .drv.

46. All of the following are file types likely to be infected by a macro virus except:
a. .exe.
b. .doc.
c. .xls.
d. .ppt.

47. Software that is used to obtain private user information such as user"s keystrokes or copies of e-mail is referred to as:
a. spyware.
b. browser parasites.
c. Trojan horses.
d. adware.

48. Symmetric key encryption is also known as:
a. public key encryption.
b. secret key encryption.
c. PGP.
d. PKI.

49. If you used a symmetric key encryption for large documents, with public key encryption to encrypt and send the symmetric key, you would be using a digital:
a. envelope.
b. signature.
c. certificate.
d. hash.

50. All of the following are methods of securing channels of communication except:
a. SSL.
b. S-HTTP.
c. VPN.
d. FTP.

51. A \_\_\_\_\_\_\_\_ is hardware or software that acts as a filter to prevent unwanted packets from entering a network.
a. firewall
b. virtual private network
c. proxy server
d. PPTP

52. All of the following are used for authentication except:
a. digital signatures.
b. certificates of authority.
c. biometric devices.
d. packet filters.

53. What is the first step in developing an e-commerce security plan?
a. Create a security organization.
b. Develop a security policy.
c. Perform a risk assessment.
d. Perform a security audit.

54. All of the following are examples of stored value payment systems except:
a. smart cards.
b. American Express accounts.
c. gift certificates.
d. prepaid cards.

55. PayPal Mobile incorporates what technology to request electronic payments?
a. RFID
b. NFC chips
c. IM
d. text messaging