

## SBI Specialist (Computer & Communication) 2012 Question Paper

### Q1 to 25

1. To create a copy files in the event of system failure, you create a \_\_\_\_
  - a. Firewall
  - b. Redundancy
  - c. Backup
  - d. Restore file
  - e. None of these
2. Print server uses \_\_\_\_ which is a buffer that holds before it is send to the printer.
  - a. Queue
  - b. Spool
  - c. Node
  - d. Stack
  - e. None of these
3. Which of the following identifies specific web page and its computer on the web page?
  - a. Web site
  - b. URL
  - c. Web site address
  - d. Domain Name
  - e. None of these
4. \_\_\_\_\_ is the computer to computer exchange of routine business data between trading partners in standard data formats.
  - a. CTS
  - b. DSR
  - c. VDR
  - d. EDI (Electronic data interchange)
  - e. None of these
5. Communication handler is basically an \_\_\_\_\_ 16 bit micro controller?
  - a. 8085
  - b. 8086
  - c. 8086A
  - d. 80C186
  - e. None of these
6. Which uses a Pre-Shared Key that is more than 7 and less than 64 characters in length?
  - a. WPA-PSK
  - b. TKIP
  - c. AES
  - d. All of these
  - e. None of these
7. Ping command is used for what purpose?
  - a. Test a device on a network whether it is reachable
  - b. Test a hard disk fault
  - c. Test a bug in the application
  - d. Test devices scanning quality
  - e. None of these
8. Two different kind of networks can be connected by using—
  - a. Bridges
  - b. Satellite
  - c. Gateway
  - d. Routers
  - e. None of these
9. Full adder is used to—
  - a. 2 bit addition
  - b. 3 bit addition
  - c. 4 bit addition
  - d. 6 bit addition

- e. None of these
- 10. Most important advantage of an IC is its—
  - a. Easy replacement in case of circuit failure
  - b. Low power consumption
  - c. Extremely high reliability
  - d. Reduced cost
  - e. None of these
- 11. An IC contains 50 gates each of which consists of 6 components. Its belongs to
  - a. VLSI
  - b. LSI
  - c. MSI
  - d. SSI
  - e. None of these
- 12. Which type of computers use the 8 bit code called EBCDIC?
  - a. Minicomputers
  - b. Mainframe computers
  - c. Super computer
  - d. Microcomputer
  - e. None of these
- 13. An AND gate
  - a. Implements logic addition
  - b. Is equivalent to a series switching circuit
  - c. Is any-or all gate
  - d. Is equivalent to a parallel switching circuit
  - e. None of these
- 14. The decimal equivalent of the binary number 11100001111 is
  - a. 1806
  - b. 1807
  - c. 2806
  - d. All of these
  - e. None of these
- 15. Programs in which of the following memories can't be erased ?
  - a. RAM
  - b. ROM
  - c. Cache Memory
  - d. Virtual Memory
  - e. None of these
- 16. The IP address 135.0.10.27 belongs to address class?
  - a. A
  - b. B
  - c. C
  - d. D
  - e. None of these
- 17. Which are not used in case of applet?
  - a. Read /write
  - b. Internet
  - c. Search engine
  - d. All of these
  - e. None of these
- 18. Which of the following is not a type of database?
  - a. Hierarchical
  - b. Relational
  - c. Network
  - d. Transition
  - e. None of these
- 19. Which of the following is not a type of SQL statement?
  - a. Data Manipulation Language
  - b. Data Definition language
  - c. Data control language
  - d. Data Standard language

- e. None of these
- 20. In Queue , the items deleted at one end is called
  - a. Rear
  - b. Front
  - c. Top
  - d. Base
  - e. None of these
- 21. The drawback of the binary tree sort are remedied by the
  - a. Linear sort
  - b. Heap Sort
  - c. Insertion sort
  - d. Quick Sort
  - e. None of these
- 22. White Box testing, a software testing technique is sometimes called
  - a. Graph testing
  - b. Basis path
  - c. Glass box testing
  - d. Data flow testing
  - e. Loop testing
- 23. Which of the following is used with database?
  - a. EDI
  - b. Credit card
  - c. ATM
  - d. Payment gateway
  - e. Data mining
- 24. When a cracker attempts to misuse or steal data from a system, it is called
  - a. Stealing
  - b. Intrusion
  - c. Virus
  - d. Worm
  - e. None of these
- 25. To modify existing rows of the table \_\_\_\_ statement is used.
  - a. ALTER
  - b. MODIFY
  - c. UPDATE
  - d. COMMIT
  - e. DELETE

### Q26 to 50

- 26. \_\_\_\_ refers to a family of IEEE standards dealing with local area network and metropolitan area network.
  - a. 802
  - b. 800
  - c. 801
  - d. 803
  - e. None of these
- 27. Which is the general network standard for the data link layer in the OSI Reference Model?
  - a. IEEE 802.1
  - b. IEEE 802.2
  - c. IEEE 802.3
  - d. IEEE 802.4
  - e. IEEE 802.6
- 28. \_\_\_\_ uses a standard called IEEE 802.6.
  - a. LAN
  - b. WAN
  - c. MAN

- d. Internet
  - e. None of these
29. Repeater operates in which layer of OSI model?
- a. Application layer
  - b. Presentation layer
  - c. Physical layer
  - d. Transport layer
  - e. Data link layer
30. Where does Bridge operate in OSI model?
- a. Physical layer
  - b. Data link layer
  - c. Both (1)and (2)
  - d. Application layer
  - e. None of these
31. Which of the following uses the greatest number of layers in the OSI model?
- a. Bridge
  - b. Repeater
  - c. Router
  - d. Gateway
  - e. None of these
32. Routers operate in which layer of the OSI model?
- a. Physical layer
  - b. Data link layer
  - c. Network Layer
  - d. All of these
  - e. None of these
33. Modem is a \_\_\_\_\_ that modulates and demodulate signals
- a. DCE (Data circuit-terminating equipment)
  - b. DTE (Data terminal equipment)
  - c. DTE-DCE
  - d. Both (1)and (2)
  - e. None of these
34. A communication network which is used by large organizations over regional, national or global area is called \_\_\_\_
- a. LAN
  - b. WAN
  - c. MAN
  - d. Internet
  - e. None of these
35. At \_\_\_\_ layer, TCP/IP defines two protocols :Transmission Control Protocol (TCP) and User Datagram Protocol(UDP).
- a. Transport layer
  - b. Network layer
  - c. Physical layer
  - d. Application layer
  - e. None of these
36. The \_\_\_\_ layer is the layer closest to transmission medium.
- a. Transport
  - b. Network
  - c. Data link

- d. Physical
  - e. None of the above
37. End to end connectivity is provided from host to host in :
- a. Network layer
  - b. Session layer
  - c. Data link layer
  - d. Transport layer
  - e. None of these
38. Which of the following TCP/ IP protocol is used for transferring electronic mail messages from one machine to another?
- a. SNMP
  - b. SMTP
  - c. RPC
  - d. FTP
  - e. None of these
39. Which of the following is an example of a client-server model?
- a. FTP
  - b. DNS
  - c. TELNET
  - d. All of these
  - e. None of these
40. Which IEEE Standards is used for Wi/Fi systems?
- a. 802.11
  - b. 802.1
  - c. 802.2
  - d. 802.3
  - e. 802.10
41. \_\_\_\_\_ is the continuous ability to send and receive data between interconnected networks.
- a. FTP
  - b. SMTP
  - c. TNS
  - d. Network Interoperability
  - e. None of these
42. What is the default subnet mask for a class B network?
- a. 127.0.0.1
  - b. 2550.0.0
  - c. 255.255.0.0
  - d. 255.255.255.0
  - e. None of these
43. What is loopback address?
- a. 127.0.0.1
  - b. 255.0.0.0
  - c. 255.255.0.0
  - d. 127.0.0.0
  - e. None of these
44. Internet-like networks within enterprises.
- a. Intranets
  - b. Switching alternating
  - c. Inter organizational networks
  - d. Extranets

- e. None of these
45. A central computer surrounded by one or more satellite computers is called a
- a. Bus network
  - b. Ring network
  - c. Star network
  - d. All of the above
  - e. None of these
46. With an IP address of 100, you currently have 80 subnets. What subnet mask should you use to maximize the number of available hosts?
- a. 192
  - b. 240
  - c. 248
  - d. 224
  - e. 252
47. Encryption/decryption provides a network with \_\_\_\_\_
- a. Privacy
  - b. Authenticity
  - c. Integrity
  - d. Non-reputation
  - e. None of these
48. The data to be encrypted at the sender site is called \_\_\_\_\_. The data to be decrypted at receiver end is called \_\_\_\_\_
- a. Secret key, public key
  - b. Public key, secret key
  - c. Plaintext, ciphertext
  - d. Ciphertext, plaintext
  - e. None of these
49. In digital signature the private key is used for \_\_\_\_ and the public key for \_\_\_\_\_
- a. Encryption, decryption
  - b. Decryption, encryption
  - c. Plaintext, ciphertext
  - d. Ciphertext, plaintext
  - e. None of these
50. A \_\_\_\_ 's main purpose is to prohibit unauthorized access to your computer via the Internet.
- a. Popup blocker
  - b. Firewall
  - c. Spyware
  - d. Spam assassin
  - e. None of these