S1. Ans.(e)
Sol. Firewall is a network security system that monitors and controls the incoming and outgoing network traffic based on predetermined security rules. It typically establishes a barrier between a trusted, secure internal network and another outside network, such as the Internet, that is assumed not to be secure or trusted.

S2. Ans.(a)

S3. Ans.(a)
Sol. Decimal number system has unique 10 digits, that is, from 0 to 9, to represent a number and its base (or radix) is 10. The decimal number system is also called a base-10 system as it has 10 digits.

S4. Ans.(b)
Sol. Digital video consists of a series of image frames that are synchronized with an audio track.

S5. Ans.(b)
Sol. NAT (Network Address Translation) translates the IP addresses of computers in a local network to a single IP address. This address is often used by the router that connects the computers to the Internet.

S6. Ans.(d)
Sol. A ring topology is a network configuration in which device connections create a circular data path. Each networked device is connected to two others, like points on a circle. Together, devices in a ring topology are referred to as a ring network.

S7. Ans.(c)

S8. Ans.(a)
Sol. A local-area network (LAN) is a computer network that spans a relatively small area. Most often, a LAN is confined to a single room, building or group of buildings

S9. Ans.(d)
Sol. Drop Down menu is also called drop down list or pull-down list.

S10. Ans.(b)
Sol. Bits per second is the term used for measurement of how fast data moves from one place to another.

S11. Ans.(a)
Sol. A repeater is an electronic device that receives a signal and retransmits it at a higher level or higher power, or onto the other side of an obstruction, so that the signal can cover longer distances.

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S12. Ans.(d)
Sol. A fiber optic cable consists of a bundle of glass threads, each of which is capable of transmitting messages modulated onto light waves.

S13. Ans.(b)
Sol. Bridges operate on data link layer and they can be used to connect LANs.

S14. Ans.(c)
Sol. Paging is a process in which each program is split into fixed size program components called pages. Some pages of it are loaded in the main memory, depending upon the storage availability and requirement to execute program.

S15. Ans.(a)
Sol. Microsoft re-introduced Start Menu bar and you can access various application software like paint or Word

S16. Ans.(b)
Sol. This indicates either a possible spelling error or that Word doesn't recognize a word, such as a proper name or place. Green underline- Word thinks that grammar should be revised. Blue underline- A word is spelled correctly but does not seem to be the correct word for the sentence.

S17. Ans.(c)
Sol. A Macro instruction is a line of computer program coding that results in one or more lines of program coding in the target programming language, sets variables for use by other statements, etc.

S18. Ans.(a)
Sol. Application software is a term which is used for software created for a specific purpose. It is generally a program or collection of programs used by end users.

S19. Ans.(a)
Sol. Digital divide is the gap between those who have already access to computers and the Internet, and those who do not.

S20. Ans.(e)
Sol. Expansion slots allows user to add devices.

S21. Ans.(c)
Sol. Disk Defragmenter is a utility in Microsoft Windows designed to increase access speed by rearranging files stored on a disk to occupy contiguous storage locations, a technique called defragmentation.

S22. Ans.(d)

Sol. A word processor is software or a device that allows users to create, edit, and print documents. It enables you to write text, store it electronically, display it on a screen, modify it by entering commands and characters from the keyboard, and print it.

S23. Ans.(b)

Sol. A bus is a common pathway through which information flows from one computer component to another. This pathway is used for communication purpose and it is established between two or more computer components.

S24. Ans.(d)

Sol. Backup software enables the creation of an exact duplicate of computer files that can be used for restoring the original files in case of file corruption, accidental/intentional deletion or a disaster.

S25. Ans.(d)

Sol. Multiplexing (or muxing) is a way of sending multiple signals or streams of information over a communications link at the same time in the form of a single, complex signal; the receiver recovers the separate signals, a process called demultiplexing (or demuxing).

S26. Ans.(a)

Sol. Ctrl+F is the short cut key combination that can be used to search in Windows Explorer.

S27. Ans.(b)

Sol. An instruction cycle is the basic operational process of a computer. It is the process by which a computer retrieves a program instruction from its memory, determines what actions the instruction dictates, and carries out those actions.

S28. Ans.(a)

Sol. Optical Mark Recognition What is the technology used to read pencil or pen marks on a multiple-choice answer sheet.

S29. Ans.(d)

Sol. Buffer is used to hold data temporarily inside the computer memory. When different devices require the data, the buffer sends it on a priority basis, thereby differentiating the flow of data between the devices.
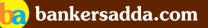
S30. Ans.(d)

Sol. An Internet telephony service provider (ITSP) offers digital telecommunications services based on Voice over Internet Protocol (VoIP) that are provisioned via the Internet.

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S31. Ans.(a)
Sol. Spoofing is the forging of the return address on an e-mail so that the e-mail message appears to come from someone other than the actual sender.

S32. Ans.(a)
Sol. Redacting means blacking out portions of the document, usually to protect confidential information, so that it cannot be recovered later. The redacted portion of the document has black bars covering the selected text and the text is no longer there.

S33. Ans.(a)
Sol. A local-area network (LAN) is a computer network that spans a relatively small area. Most often, a LAN is confined to a single room, building or group of buildings

S34. Ans.(b)
Sol. Phishing is a cybercrime in which a target or targets are contacted by email, telephone or text message by someone posing as a legitimate institution to lure individuals into providing sensitive data such as personally identifiable information, banking and credit card details, and passwords.

S35. Ans.(c)

S36. Ans.(c)
Sol. Spyware usually finds its way onto your computer without your knowledge or permission. It runs in the background, collecting information or monitoring your activities.

S37. Ans.(d)
Sol. spoofing refers tricking or deceiving computer systems or other computer users. This is typically done by hiding one's identity or faking the identity of another user on the Internet.

S38. Ans.(c)
Sol. A gateway is a network node that connects two networks using different protocols together.

S39. Ans.(b)
Sol. Television is an example of simplex communication.

S40. Ans.(c)
Sol. File Transfer Protocol (FTP) is not a web browser. It is a standard network protocol used for the transfer of computer files between a client and server on a computer network.

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