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Read chapter wise CCNA 4 Exam Answers (v5.1 + v6.0) CCNA 4 Chapter 1 Exam Answers 2020 1. A small company with 10 employees uses a single LAN to share information between computers. What type of Internet connection would be suitable for this company? Private dedicated lines through a local telephone connection service provider that is provided by your local Virtual Private Networks telephone service provider, which would allow your company to easily and securely connect to broadband service employees, such as DSL, through your on-premises service provider* 2. Which network scenario will require WAN? Employees must connect to the company's email server via VPN while traveling.* Branch office employees must share files at the headquarters office, which is located in a separate building on the same campus network. Employees must access websites that are hosted on corporate Web servers in the DMZ in their building. Employee workstations must obtain dynamically assigned IP addresses. 3. Which statement describes the characteristics of the WAN? The WAN runs in the same geographic range of the LAN, but has serial links. WAN provides end-user network connectivity to the campus backbone. WAN networks are owned by service providers.* All serial links are treated as WAN connections. 4. What are the two common types of WAN technology switchable on the circuit? (Select two.) ISDN* DSL PSTN* ATM Frame Relay 5. What two devices do I need when a digital leased line is used to provide a connection between a customer and a service provider? (Select two.) DSU* Layer 2 CSU* 6 Dial-up Modem Access Server. What is the connectionless network requirement with packet switching? Full address information must be transferred to each data packet.* A virtual circuit is created while packets are delivered. The network pre-determines the route for the package. Each package must have only an ID. 7. What is the advantage of circuit switching technology? Packet-switched networks do not require a costly permanent connection to each endpoint. Packet-switched networks can efficiently use multiple routes inside the service provider's network.* Packet-switched networks are less prone to fluctuations than circuit-switched networks. Packet-switched networks typically have lower latency than networks that are switched on the circuit. 8. A new corporation needs a data network that needs to meet certain requirements. The network must provide a low-cost connection to retailers distributed across a large geographical area. Which two types of WAN infrastructure will meet your requirements? (Select two.) private infrastructure public infrastructure* satellite internet* dedicated 9. What is long-distance fiber media technology that both SONET and SDH and assigns incoming optical signals to specific wavelengths of light? 10. What are the two common high-bandwidth fibre carriers (Select two.) 11. Which WAN technology is cell-based and well suited for transferring voice and video motion? Frame relay VSAT ISDN ATM* 12. Which two technologies use PSTN to connect to the Internet? (Select two.) Mpls ATM dialup* Frame Relay ISDN* 13. The company must merge several branches throughout the agglomeration. Network Engineer is looking for a solution that delivers high-speed converged traffic, including voice, video, and data on the same network infrastructure. The company also wants easy integration with existing LAN infrastructure in its office locations. Which technology should be recommended? ISDN VSAT Ethernet WAN* 14 frame relay. Which solution can provide Internet access in remote locations where regular WAN services are not available? WiMAX VSAT* Ethernet Urban Wi-Fi 15. Which WAN establishes a dedicated fixed point-to-point connection between two sites? Atm Frame Relay ISDN leased lines* 16. The client needs a metropolitan area WAN connection that provides fast, dedicated bandwidth between the two sites. What type of WAN connection best meets this need? Mpls Ethernet WAN* switched on network circuit network 17. Which feature is used when connecting to the Internet using DSL? DSLAM* LTE CMTS IEEE 802.16 18. Which connectivity method would be best for a corporate employee who works from home two days a week but needs secure access to internal corporate databases? 19. Which wireless technology provides internet access over mobile networks? LTE* urban WiFi satellite WiMAX 20. A home user lives 10 miles (16 kilometers) from an Internet service provider's network. What type of technology does high-speed broadband with wireless access provide for this home user? Urban Wi-Fi DSL WiMAX* 802.11 21. What is the recommended technology to use in a public WAN infrastructure when a branch office is connected to a company site? VPN* ATM ISDN Urban Wi-Fi 22. What can reduce available bandwidth for a broadband cable connection? number of subscribers* from the vendor headquarters smaller cells 23. What hardware do I need an ISP to provide Internet connections through a cable service? CMTS* CSU/DSU DSLAM 24 access server. What geographical scope requirement would be considered a distributed WAN range? one to many global regional local many to many * one to one 25. The corporation is looking for a solution to connect multiple newly created remote branches. What are the important issues when choosing a private WAN connection rather than a public WAN connection? higher data rate lower data security and confidentiality costs* website and support for file sharing services 26. Question presented: 27. Question presented: Older version 28. What are the structured engineering principles necessary for the successful implementation of the network project? Network? two.) quality of service resiliency * modularity * security availability 29. What is important to start designing a network? access to the size of network protocol security applications* for use in 30 years. Which two devices can often be found in the hierarchical access tier of an enterprise LAN design model? (Select two.) access point firewall* Layer 2 switch* Layer 3 31 device modular switch. In what layer of the enterprise's hierarchical LAN design model will PoE for VoIP phones and access points be considered? access* basic distribution of physical data link 32. Check out the exhibition. What type of CISCO LAN design model is used in School 1? 3 layers 7 layer double layer rolled core* three-tier 33. In a hierarchical network project, which layers can be combined into a collapsed core for smaller networks? core and core and distribution access* and core access, distribution, and access 34. A network project for universities with users in five locations is being developed. Where will the servers used by all users be located in the campus network architecture? data center services in the enterprise 35. What is one of the advantages of building fashion network design for large companies? failure isolation* increased redundancy of network access time 36. Network Engineer wants to redesign the wireless network and use wireless controllers that manage multiple deployed wireless access points. In which campus network architecture design module can I find centralized wireless network controllers? access-distribution data center services for enterprises* 37. Which network module is the primary part of your campus project? access distribution module* enterprise edge 38 data center services module. Which network approach allows you to change networks, upgrades, or introduce new services in a controlled and step-by-step way? edgeless modular* module* module 39. Check out the exhibition. What type of ISP edge connectivity does A use? single-house dual-homed multihomed * dual-multihomed 40. Which three network architectures have been introduced by Cisco to meet emerging technological challenges created by changing business models? (Select three.) Cisco Borderless* Cisco Enterprise Edge Cisco Data Center* Cisco Enterprise Campus Cisco Collaboration* Cisco Enterprise Branch 41. Which layer of Cisco collaboration architecture includes unified communication and conference software such as Cisco WebEx Meetings, WebEx Social, Cisco Jabber, and TelePresence? apps and devices* provider for enterprise WAN edge 42. Which Cisco technology enables you to securely, reliably, and seamlessly connect different network devices to network resources Cisco AnyConnect* is a service provider on the edge 43 enterprise edge. What creates a new for IT departments by changing the boundaries of the enterprise network? the company's desktops get access to layer switching tablets* costs \$44. Which network architecture works with a combination of technologies that include wired, wireless, security, and other features? Cisco Enterprise Campus Cisco Enterprise Branch Cisco Borderless* Cisco Enterprise Edge 45. Which network architecture combines the different components to provide a comprehensive solution that allows people to collaborate and contribute to the production of something? Cisco Enterprise Campus Architecture Cisco Enterprise Branch Architecture Cisco Borderless Network Architecture Cisco Collaboration Architecture* 46. Fill in the blank. Reducing the complexity of network design by dividing networks into smaller areas is an example of a hierarchical network model. 47. Fill in the blank. Use a shortcut. In Cisco Enterprise Edge, the submodular for remote access, including authentication devices and IPS devices, is a vpn and remote access submodular. 48. Fill in the blank. Reducing the complexity of network design by dividing networks into smaller areas is an example of a hierarchical network model. Model.

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