* + - 1. Which one of these is a type of network?
         1. ALAN
         2. WLAN
         3. ILAN
         4. VAN
      2. IoT are in \_\_\_ percent of business and manufacturing.
         1. 20%
         2. 75%
         3. 32%
         4. 40.2%
      3. What is a peer to peer?
         1. Networking model with no centralized security or management controls
         2. Networking model that has centralized security control as a defining feature
         3. any uniquely identified device
         4. block of data formatted for transmission over a network
      4. In 2015, there were already \_\_\_ million smart devices in people's homes.
         1. 56
         2. 83
         3. 21
         4. 33
      5. Which one of the following is an example of a business-to-consumer (B2C) application of the Internet of Things (IoT)?
         1. Computer
         2. Smart Phone
         3. Health Monitoring
         4. Treadmill
      6. What is the purpose of DNS?
         1. provide a unique number for identifying devices that send and receive information on the Internet
         2. maintain routing tables that associate domain names with IP addresses
         3. connects your network to an Internet Service Provider
         4. connects several local devices to a single network
      7. What is a modem?
         1. A device that connects several local devices to a single network
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      8. What is a router?
         1. A machine that can run a program
         2. A device that connects several local devices to a single network
         3. the capacity of a network connection
         4. an audio file
      9. What are Protocols?
         1. values used with an ip address to identify network and host portions of ip address
         2. fixed size packet
         3. address used to identify a network for routing purposes
         4. A communication protocol is a system of rules that allows two or more entities of a communications
      10. A \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ connects hardware devices such as computers, printers, and storage devices that are all in close proximity
          1. Wide area network
          2. Local area network
          3. Personal area network
          4. Metro area network
      11. What is HTTP?
          1. The rules governing the conversation between a Web client and a Web server
          2. Definitions of tags that are added to Web documents to control their appearance
          3. A type of topology
          4. Messages circulate till they reach the source
      12. What is the fundamental difference between a router and link-layer switch?
          1. Link-layer switches base their forwarding decision on values in the fields of the link-layer frame. Routers base their forwarding decision on the value in the network-layer field.
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      13. What is the purpose of Internet Service Providers?
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          3. provides connectionless packet delivery services without guarantee of delivery
          4. directing packets through an internetwork or the correct destination network
      14. Which on these below are Internet Protocols?
          1. HDD
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          3. UDP
          4. LAN
      15. What is a Birthday attack?
          1. is the term used to describe a hash algorithm ability to avoid the same output from two guessed inputs
          2. is the term used to describe a situation in which two different messages produce the same hash value
          3. a small change in the message results in a big change in hash value
          4. a brute force attack in which the attacker hashes the messages until one with the same hash is found
      16. What do communication links control?
          1. Laptops, smartphones, tablets TVs, gaming consoles, web cams
          2. WiFi, local cable and telephone companies, and university ISPs
          3. transmission rate through the medium that is being used, measured in bits/second.
          4. A computer network that interconnects hundreds of millions of computing devices
      17. Which of the answer below defines bit rate?
          1. Information that is required immediately. Such as streaming a videos
          2. Measure of number of bits per second
          3. Low level protocol that is the current protocol commonly used
          4. Specialized computer providing resources to a network
      18. On whose authority is Net Neutrality enforced?
          1. FCC
          2. Edge Provider
          3. CERN
          4. ISP
      19. What is a server?
          1. An operating system that provides communications between the computers
          2. A type of network connection that requires a direct connection between the source and destination
          3. A type of network connection that does not use a direct connection between the destination and the source.
          4. A computer that provides services to networked computers or clients
      20. What is the delay in the amount of time for data to travel between two points on a network?
          1. Data
          2. Bandwidth
          3. Traceart
          4. Latency
      21. Which best describes Hosts End Systems?
          1. Different links can transmit data at different rates, link measured in bits/second
          2. Computers and other Non traditional devices that are being hooked up to the internet
          3. Basic hardware and software components that make up the internet
          4. Typically used in access networks
      22. What is a URL?
          1. A location or address identifying where documents can be found on the Internet; a Web address
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          2. Used for port forwarding between private Internet connected servers
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          4. A router placed at the edge of an ISP network
      24. What is the Digital subscriber Line?
          1. Converts domain names to IP addresses
          2. Technologies that operate over existing telephone lines to carry voices, data, and video at transmission rates ranging from 385 Kbps all the way up to 40 Mbps
          3. A tool for retrieving and transferring files from a remote computer
          4. Specific geographic locations in which an access point provides public Wi-Fi network services
      25. What is the purpose of SMTP?
          1. Indicates the client is ready to send the email
          2. Starts mail input
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Answer Key

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