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Q1.
What is the color depth of JPG?

A. 8 bit
B. 16 bit
C. 24 bit
D. 48 bit

Answer: C
.

Q2.
What is the fastest video card mode for displaying web graphics?

A. 8 bit
B. 24 bit
C. 32 bit
D. 64 bit

Answer: D

Q3.
Where do the majority of security violations within corporate networks come from?

A. Employees
B. Hackers
C. Other businesses
D. Internet

Answer: A

Q4.
How many bits in a class 4 IP address?

A. 32
B. 40

C. 64
D. 128

Answer: A

Q5.
Which standard allows several "virtual servers" all using different DNS names that are resolved to the same IP address?

A. HTML 4
B. JAVA 1.0
C. HTTP 1.1
D. JavaScript 2

Answer: C

Q6.
When a system is sent ICMP echo requests repeatedly, it is a:

A. PING attack
B. SYN attack
C. SPOOFING
D. Telnet attack

Answer: A

Q7.
What must you establish to allow clients to log in and check the status of their orders?

A. Internet
B. Intranet
C. Extranet
D. VPN

Answer: C

Q8.
What TCP/IP utility is used to see current contents of a packet on your computer?

A. Tracert
B. Protocol analyzer
C. Ping
D. Ipconfig

Answer: B

Q9.
You can send e-mail, but you cannot receive it. Which protocol is probably the culprit?

A. SMTP
B. POP3
C. TCP
D. UDP

Answer: B

Q10.
Which security is the standard for secure online transactions?

A. SET
B. SSL
C. VPN
D. X-500

Answer: A

Q11.
What is the default port for FTP?

A. 21
B. 25

C. 80
D. 110

Answer: A

Q12.
Which of the following has the least impact on apparent web site performance?

A. RAM in the client
B. RAM in the server
C. Cache size
D. Client connection speed

Answer: A

Q13.
When a new idea is being considered for adoption regarding the Internet, it is first posted as an:

A. FAQ
B. RFC
C. PDP
D. PDF

Answer: B

Q14.
In order to be an e-commerce server, a computer must offer what services?

A. File transfer
B. Credit card authentication
C. Directory queries
D. Virtual shopping cart services

Answer: B

Q15.
In order to have copyright protection, a work

A. Must be an original creation
B. Must be registered with a copyright office
C. Must have an individual author
D. Must not have excerpts of other copyrighted work

Answer: B

Q16.
What do you call the first DNS server?

A. First
B. Master
C. Slave
D. Primary

Answer: D

Q17.
True or false: Telnet servers present no security risk.

A. True
B. False

Answer: B

Q18.
A client-side script is not working correctly. What is the most likely cause?

A. The operating system does not support scripting
B. The server can't parse the script
C. The web client doesn't support scripting
D. The HTTP connection has been lost.

Answer: C

Q19.
Which supports encryption?

A. UDP
B. TCP
C. PPP
D. SLIP

Answer: C

Q20.
Before you can use any Internet-client for a dial-up connection, what must be installed and configured on the client machine?

A. Client IP address
B. Modem
C. NIC
D. Web browser

Answer: B

Q21.
What is the default port for Telnet?

A. 21
B. 23
C. 25
D. 80

Answer: B

Q22.

An attack motivated by money is only worthwhile if

A. The value of the attack's results are worth more than the cost of the attack.
B. The attacker is a paid professional
C. The attack is on an E-commerce server
D. Money is transferred to the attacker's account.

Answer: A

Q23.
Which two TCP/IP utilities are the most similar in function?

A. PING
B. NETSTAT
C. ARP
D. TRACERT

Answer: A, D

Q24.
Your company has heterogeneous systems (different operating systems/machines). You want to have a better security and you want your company to issue certificates for user communication.
What server should you implement?

A. Directory server
B. Certificate server
C. Authentication server
D. Telnet server

Answer: B

Q25.
Which Internet bandwidth technology is mainly used on the Internet backbone?

A. ATM
B. T3/E3
C. X.25

D. Frame Relay

Answer: A

Q26.
What does CSS stand for?

A. Crypted Secure Server
B. Cascading Style Sheets
C. Community Secure Site
D. Critical Server Status

Answer: B

Q27.
Which command matches IP address to MAC address?

A. arp
B. ipconfig
C. winipcfg
D. nbtstat

Answer: A

Q28.
What does SMTP stand for?

A. Single Mail Transport Protocol
B. Simple Mail Transport Protocol
C. Signal Transport Protocol
D. Single Message Transport Protocol

Answer: B

Q29.
Which executes on server side?

A. CGI
B. C++
C. Javascript
D. VBG

Answer: A

Q30.
If you want to play streaming video on your site, what is the best technology to use?

A. Flash
B. Acrobat
C. Real Player
D. QuickTime VR

Answer: D

Q31.
A T3/E3 connection has a maximum speed of

A. 1.55 Mbps
B. 44.736 Mbps
C. 2.048 Mbps
D. 34.162 Mbps

Answer: B

Q32.
What TCP/IP protocol can be used for directory access?

A. LDAP
B. HTTP
C. FTP
D. NNTP

Answer: A

Q33.
What is the default subnet mask for the IP address 194.206.42.7?

A. 255.0.0.0
B. 255.255.0.0
C. 255.255.255.0
D. 255.255.255.255

Answer: C

Q34.
What is encrypted text called?

A. Cipher text
B. Plaintext
C. Script text
D. Cookies

Answer: A

Q35.
Your server has problem in receiving emails. What should you check?

A. POP3 server
B. SMTP server
C. Web server
D. FTP server

Answer: A

Q36.

How many 64 Kbps channels are in a ISDN?

A. 1
B. 2
C. 8
D. 12

Answer: B

Q37.
Suppose someone who doesn't have money to spare on a computer needs a connection to the Internet. Which device could you install to allow that user web access?

A. Modem
B. Telephone
C. Internet appliance
D. NIC

Answer: A

Q38.
Which technology for VPN uses IPSEC?

A. SLIP
B. L2TP
C. PPP
D. PPTP

Answer: B

Q39.
What is Microsoft's preferred server-side scripting language called?

A. Active Server Pages (ASP)
B. Internet Information Server (IIS)
C. VBScript
D. ActiveX Server Extensions (ASE)

Answer: A

Q40.
Which web browser setting controls how a web browser receives information and automatically downloaded content from web sites?

A. Cookies
B. Security
C. Proxy
D. Mail Server

Answer: A

Q41.
What command would you use to get multiple files from a site?

A. GET
B. MPUT
C. MGET
D. MULTIPLE GET

Answer: C

Q42.
A user with a 128Kbps ISDN modem will take about how many seconds to download a 100K file?

A. 30
B. 3
C. 15
D. 8

Answer: D

Q43.

Which organization approves the standards of Anti-Virus Software?

A. IAB
B. IETF
C. ICSA
D. RFC

Answer: C

Q44.
Which protocol does NOT support IPX?

A. SLIP
B. PPP
C. PPTP
D. L2TP

Answer: A

Q45.
Which step is most subject to network congestion?

A. Displaying the content
B. Server generating content for the output
C. Transmitting the response from server to client
D. The request waiting in the server's queue.

Answer: C

Q46.
What are the 2 parts of every IP address?

A. Network + Host
B. Symbolic + Dotted Decimal
C. Subnet + Subnet Mask
D. Subnet Mask + Host

Answer: A

Q47.
Which DNS record tells you mail servers?

A. PTR
B. RP
C. CNAME
D. MX

Answer: D

Q48.
Which is the fastest?

A. T1/E1
B. T3/E3
C. OC-1
D. OC-3

Answer: D

Q49.
Which device cannot be infected with a virus?

A. Router
B. Hub
C. Gateway
D. NIC

Answer: B

Q50.
How are cookies stored?

A. Unencrypted text file on client
B. Unencrypted text file on server
C. Encrypted text file on client
D. Encrypted text file on server

Answer: A

Q51.
What is the default port for SMTP?

A. 21
B. 25
C. 80
D. 110

Answer: B

Q52.
What TCP/IP utility is used to find out how many hops it takes to get to a site?

A. Tracert
B. Arp
C. Ping
D. Netstat

Answer: A

Q53.
Which command checks the current open TCP/IP connections?

A. Netstat
B. Ping
C. Ipconfig
D. Winipcfg

Answer: A

Q54.
When you use Telnet what protocol are you using?

A. IPX/SPX
B. NetBios
C. TCP/IP
D. XNS

Answer: C

Q55.
You have a Remote access server (RAS) used by your colleagues working at home. You are concerned about the security. What should you do to have a better security measure?

A. Installing firewall
B. Change password
C. Use SSL for the connection
D. Enable call back

Answer: D

Q56.
You need to provide users a command line interface on a UNIX system. What service you need to set up?

A. FTP
B. HTTP
C. Browser
D. Telnet

Answer: D

Q57.
Which supports animation of graphics on web?

A. GIF87A
B. GIF89A
C. jpeg
D. png

Answer: B

Q58.
If you want to have secure communications on your intranet, what must you implement in order to create your own key pairs?

A. A VPN
B. An intranet
C. A certificate server
D. An FTP server

Answer: C

Q59.
If no expiration date is set, how long will the cookies stay in effect?

A. Forever
B. Until the computer is rebooted.
C. 30 days
D. One year

Answer: B.

Q60.
A tunneling protocol is used to facilitate

A. Firewalls
B. E-commerce
C. VPNs
D. Dial-up connections

Answer: C

Q61.
Which network hardware device will improve network performance?

A. Router
B. Cache
C. Bridge
D. Hub

Answer: A

Q62.
Which technology provides an interactive 3-D environment?

A. Java
B. JavaScript
C. HTML
D. VRML

Answer: D

Q63.
What is the least secure?

A. Internet
B. Extranet
C. Intranet
D. VPN

Answer: A

Q64.
Streaming media formats allow for slowdowns in the data stream by

A. Storing media information in a database
B. Dividing the available bandwidth into normal and backup segments.
C. Compressing the data into ZIP format
D. Building up a buffer of data before playback begins.

Answer: D

Q65.
What is the most common way of getting information from a web surfer?

A. An HTML form
B. A custom application
C. Active X
D. ASP

Answer: A

Q66.
Web pages you access often load slowly. What can you do?

A. Increase cache size
B. Increase your PC RAM
C. Clear browser history

Answer: A

Q67.
Which protocol does not authenticate?

A. SLIP
B. PPP
C. L2TP
D. PPTP

Answer: A

Q68.
Your user needs to access your company WAN network with TCP/IP. What is the minimum things he/she need to set on their PC?

A. IP address
B. IP address, subnet mask
C. IP address, subnet mask, gateway
D. Gateway

Answer: C

Q69.
Which language allows for the creation of platform independent executables?

A. Perl
B. C++
C. Java
D. Win CGI

Answer: C

Q70.
Configuring a router to advertise routes that either don't exist or aren't where they say they are, is known as what kind of an attack?

A. Man-in-the-middle
B. Ping Flood
C. SYN Flood
D. Spoofing

Answer: D

Q71.

Why can't U.S. sites support browser encryption that uses keys longer than 40 bits?

A. Such technology is regarded as munitions grade by the U.S. government.
B. Foreign governments do not allow such strong encryption techniques.
C. Firewalls will not allow data with 40-bit key encryption through.
D. Long keys can't be transmitted across a WAN.

Answer: A

Q72.
If you try to go to a web site and the browser receives the message "The server is not responding", what could be the problem?

A. There is a misconfigured router.
B. The server does not have a DNS entry.
C. The server is overloaded.
D. The file does not exist on the server.

Answer: C

Q73.
Based on speed and cost, which Internet bandwidth link type would be the best choice for a small ISP serving 100 dial-up users?

A. 56K
B. T1
C. T3
D. ATM

Answer: C

Q74.
What is the most useful aspect of the JAVA language?

A. Cross-platform capability
B. Gentle learning curve
C. It is faster than compiled languages

D. It is copylefted.

Answer: A

Q75.
To which component of the Internet can individual users buy modem connections so that they can get on the Internet?

A. Backbone ISP
B. Access point ISP
C. WAN connection
D. Phone company

Answer: B

Q76.
What network hardware device connects a computer to an ISP and the Internet via a standard phone line?

A. PC
B. Modem
C. Internet Appliance
D. Processor

Answer: B

Q77.
You set up a dialup network using the SLIP protocol. You cannot transfer files with FTP and have problems connecting to the Internet. What is a possible alternative?

A. Install a proxy with TCP/IP
B. Try pinging the FTP server
C. Try pinging the local host
D. Change to PPP

Answer: D

Q78.
What command is used to start a file transfer from a remote site?

A. Put
B. Mput
C. Get
D. Mget

Answer: C

Q79.
Which is a valid class B network.

A. 126.1.1.1
B. 130.1.1.1
C. 193.1.1.1
D. 10.1.1.1

Answer: B

Q80.
What protocol is used when sending mail?

A. POP3
B. SMTP
C. HTTP
D. FTP

Answer: B

Q81.
Which domain is used for non-profit organizations?

A. com
B. edu

C. org
D. net

Answer: C

Q82.
A company needs a connection that has at least 10Mb/s for its users. What is the connection?

A. T1
B. T3
C. 56kbps modem
D. DSL

Answer: B

Q83.
Which command checks TCP/IP Parameters for Windows 2000?

A. netstat
B. Ping
C. ipconfig
D. winipcfg

Answer: C

Q84.
What are the best types of documents to distribute using Electronic Data Interchange (EDI)?

A. Memos
B. Orders and invoices
C. Reports
D. E-mail

Answer: B

Q85.
Within a DNS record where can you find the name of the administrator?

A. PTR
B. SOA
C. CNAME
D. MX

Answer: B

Q86.
What network device enables you to communicate with other systems using different protocol?

A. Router
B. Hub
C. Bridge
D. Gateway

Answer: D

Q87.
Web graphics 40mm x 60mm. Which format do you load to achieve the fastest download when user browses?

A. 72dpi
B. 98dpi
C. 100dpi
D. 300dpi

Answer: A

Q88.
What UART chip is needed to provide a modem connection of 115200 bps?

A. 85.xx
B. 65.xx
C. 100.xx

D. 165.xx

Answer: D

Q89.
What uses vector graphics to display web images?

A. Flash
B. Shockwave
C. Real Media
D. QuickTime VR

Answer: A

Q90.
Browsers commonly support which client-side scripting language?

A. PERL
B. CGI
C. JavaScript
D. JAVA

Answer: C

Q91.
The success of a banner ad is usually measured in

A. Click through rate
B. Number of views
C. Graphic design
D. Link through rate

Answer: A

Q92.
What is one limitation of web browser cookies?

A. There is no size limit to cookies.
B. Cookies are limited to 6 KB.
C. There can be a maximum of 20 cookies per domain.
D. There is no limit on the number of cookies.

Answer: C

Q93.
A _____ is an SMTP server that sends e-mails it receives to a list of e-mail recipients, forming a "discussion group"?

A. List server
B. E-commerce server
C. Web server
D. News server

Answer: D

Q94.
How can you find out what browser someone was using when they got an error message?

A. Ask the user
B. Look in the error log
C. Look in the access log
D. A and C

Answer: B

Q95.
Trademark protection applies to

A. Ad slogans
B. Processes
C. Graphical artwork other than logos

D. MIDI files

Answer: A

Q96.
What does a digital signature do?

A. Verifies the identity of the person who applies it to a document
B. Is required for an e-mail message to get through a firewall
C. Encrypts a message to which it is applied
D. Cannot stand up in court.

Answer: A

Q97.
What uses 53 byte packets and typically runs at 155Mbps?

A. ATM
B. T1
C. DSL
D. OC-3

Answer: A

Q98.
You have just established Internet connection through your ISP. What should you do next?

A. Install Proxy Server
B. Anti-virus software
C. Firewall
D. Web server

Answer: B

Q99.
Which of the following uses a single key to encrypt and decrypt?

A. Asymmetric encrypt
B. Hash encrypt
C. Public key
D. Symmetric encrypt

Answer: D

Q100.
What allows multiple HTML Links?

A. HTML
B. XML
C. VRML
D. PERL

Answer: B

Q101.
Which network hardware device protects a server from malicious attacks over the Internet?

A. NIC
B. Firewall
C. Gateway
D. Bridge

Answer: B

Q102.
What is in line 2 of a Mime file?

A. Author
B. File size
C. Body
D. Page

Answer: A

Q103.
VPNs are most often associated with which protocol?

A. PPP
B. L2TP
C. SLIP
D. PPTP

Answer: D

Q104.
Which is not a required HTML Tag?

A. <TEXTAREA>
B. <Body>
C. <Head>
D. <HTML>

Answer: A

Q105.
Which one uses a connection protocol?

A. TCP
B. NETBeui
C. UDP
D. ICMP

Answer: A

Q106.

Which TCP/IP protocol is the primary protocol used to transfer text and binary files on the Internet?

A. HTTPS
B. FTP
C. LDAP
D. HTTP

Answer: B

Q107.
Your company has connection with the business partners. What is it called?

A. Intranet
B. Extranet
C. Internet
D. Private network

Answer: B

Q108.
Total # of host for a Class B?

A. 65,000
B. 16,000,000
C. 254
D. 600

Answer: A

Q109.
The default subnet mask for the IP address 189.203.40.99 is?

A. 255.0.0.0
B. 255.255.255.0
C. 255.255.0.0
D. 255.255.255.255

Answer: C

Q110.
What do you need on your e-commerce system to process credit card transactions?

A. Online catalog
B. Virtual shopping carts/Checkouts
C. Merchant system
D. Intranet

Answer: C

Q111.
Which network connectivity device translates one protocol into another and is used to connect dissimilar network technologies?

A. Router
B. Hub
C. Bridge
D. Gateway

Answer: D

Q112.
What is the default port for HTTP?

A. 21
B. 25
C. 80
D. 110

Answer: C

Q113.

You enter ftp://124.90.139.51 and you are able to access the site but if you try ftp://comptia.com you cannot. Why?

A. No DNS Server
B. Server's file is missing
C. No internet connection
D. No web browser

Answer: A

Q114.
Which one has speeds off 51.84Mbps?

A. T1
B. T3
C. OC1
D. OC3

Answer: C

Q115.
Which of the following methods will allow data to be sent on the Internet in a secure format?

A. Browsing
B. Virtual Private Networks
C. Serial Line Interface Protocol
D. Point to Point Protocol

Answer: B

Q116.
What is the most significant advantage of the JAVA language?

A. History of implementation
B. Ease of learning
C. Cross-platform interoperability
D. It is copyrighted

Answer: C

Q117.
You want to implement a searchable employee relational database consisting of 420 records on your website. What is the most suitable database language to use?

A. VB Script
B. JAVA Script
C. SQL
D. Oracle

Answer: C

Q118.
Which of these is a browser vendor dependent language?

A. SQL
B. JAVA
C. PERL
D. VB SCRIPT

Answer: D

Q119.
What should you check, if you have uploaded a web page to the server and the images are not displayed?

A. HTML loaded in the wrong FTP mode.
B. Image source URL
C. Browser Version
D. MIME type sent on server

Answer: D

Q120.
Channel definition format helps to _____?

A. Implement PUSH technology.
B. Centralize web site management.
C. Index search engine databases.
D. Create a channel of input from web site visitors.

Answer: A

Q121.
You need an address book accessible to all employees within your company. You must be able to update this address book and grant all employees immediate access to set changes without having import an entirely new address book. Which type of server must you install and configure?

A. Certificate Server
B. Name Server
C. NIS Server
D. Directory Server

Answer: D

Q122.
Which of the following is always connected directly to the Internet backbone?

A. LEC (Local Exchange Carrier)
B. NAP (Network Access Point)
C. ISP (Internet Service Provider)
D. POP (Point of Presence)

Answer: C

Q123.
Which of these is a connection oriented protocol?

A. IP
B. TCP/IP

C. ICMP
D. ARP

Answer: B

Q124.
Anti-virus software

A. Detects all viruses.
B. Does not examine a file checksum.
C. Cannot be updated.
D. Does not examine data files.

Answer: B

Q125.
You update your e-mail client with a newer, backwards-compatible version but cannot browse your old address book. How can you recover?

A. Convert the address book to text, then cut and paste into the new client.
B. Restore your address book from tape.
C. Import your address book.
D. Uninstall the upgrade.

Answer: C

Q126.
As network administrator, you want to allow the company to create its own security keys on a network of mixed client and server types. Which type of server will you need to install**?**

A. Transactional Server
B. Network Gateway Server
C. Certificate Server
D. Messaging Server

Answer: C

Q127.
A user's password on an FTP server

A. Cannot be a users e-mail address.
B. Required key encryption.
C. Cannot be changed by an FTP client.
D. Must be changed on scheduled intervals.

Answer: C

Q128.
You want to ensure that the newest data is always loaded when you visit a particular website. What should you do?

A. Clear the history on your client computer.
B. Decrease the size of cache on your client computer.
C. Increase the size of cache on your client computer.
D. Press refresh each time you visit a website.

Answer: D

Q129.
Which is the function of a firewall?

A. surge protect
B. network address translation
C. network attenuation
D. CPU monitoring

Answer: B

Q130.

Which index enables search of a site for a specific phrase?

A. Static
B. Site map
C. Keyword
D. Full Text

Answer: D

Q131.
Which has audio and video?

A. GIF
B. JPG
C. PDF
D. MPEG

Answer: D

Q132.
Which of the following is unique of XML?

A. Describes how should look in the browser
B. Permits customizable tags
C. Establishes client-server relation
D. Enables DHTML

Answer: B

Q133.
Which of the following requires the least configuration for web database access?

A. PHP
B. OPBC
C. JDBC
D. SQL

Answer: A

Q134.
Which can break up a broadcast domain**?**

A. Router
B. Transciever
C. Hub
D. Repeater

Answer: A

Q135.
Which is C2C model?

A. store front
B. auction site
C. E-business
D. Portal

Answer: B

Q136.
Pages are taking too long to load on a workstation what is the source of the problem?

A. Hard Drive capacity
B. Improper DNS
C. The size of the Graphics
D. CPU speed of the workstation

Answer: C

Q137.

Which of the following is invalid encoding for email? (Choose two)

A. Base 64
B. Uuencode
C. Zip
D. Bin Hex

Answer: A, C

Q138.
Technician needs a patch for a client application after a download, what is the next step**?**

A. Reinstall current version of the application
B. Remove the current version and install the update only
C. Apply patch to the current version
D. Install previous version and apply the patch

Answer: C

Q139.
Which forwards information based on MAC addresses**?**

A. gateway
B. router
C. bridge
D. hub

Answer: C

Q140.
Which of the following is supported by most browsers? (Choose three)

A. Gopher
B. FTP
C. Telnet
D. SNMP

Answer: A, B, C

Q141.
A developer creates a new Web Page. Which would transfer to be seen immediately?

A. Telnet
B. FTP
C. E-mail
D. NNTP

Answer: B

Q142.
Which of the following network connection devices enables a company to use a range of IP addresses on an intranet and allows the uses of Internet.

A. LDAP Server
B. SNA gateway
C. NAT Server
D. X.500 directory Server

Answer: C

Q143.
What is the opening and closing tag pair for HTML?

A. <Head></Head>
B. <Body></Body>
C. <HTML></HTML>
D. <Title></Title>

Answer: C

Q144.

Which is an HTML tag to produce numbers?

A. <nl>
B.
C.
D.

Answer: B

Q145.
A company that gathers goods from many sources is called _____?

A. Aggregator
B. Affiliate
C. Subsidiary
D. Franchise

Answer: A

Q146.
A company wants to automate database to transfer data with a partner, what should they use?

A. EDI
B. OTP
C. SET
D. TTS

Answer: A

Q147.
Verisign is an _____?

A. Certificate authority
B. Security enabler
C. Authentication
D. Digital signature

Answer: A

Q148.
Which of the following provides a specification for performing online credit card transaction processing?

A. SSL
B. VPN
C. RPC
D. SET

Answer: D

Q149.
You alter the header of a TCP/IP packet to be able assume the identity of another device. What type of attack did you conduct?

A. Identity Theft
B. Back door
C. Spoofing
D. Trap door

Answer: C

Q150.
A client has received a Java Script error message indicating reference to an undefined object.
Which of the following is a possible explanation?

A. Incorrect Java Script setting in the browser.
B. The browser does not support the correct object model.
C. The anti-virus software is interfering with the Java Script interpretation.
D. The server failed to create the correct object library.

Answer: B

Q151.
Consider the following list:>
1 - Web Browser
2 - TCP/IP
3 - Windows 98

Which component is missing to allow this client Internet access?

A. E-mail Client
B. Operating System
C. Network Connection
D. DNS Server

Answer: C

Q152.
Telnet requires which protocol to function?

A. NWLink
B. IPX/SPX
C. TCP/IP
D. LDAP

Answer: C

Q153.
To distribute directory information, which protocol does a Directory Server use?

A. Address Resolution Protocol (ARP)
B. Service Advertising Protocol (SAP)
C. Lightweight Directory Access Protocol (LDAP)
D. Server Message Block (SMB)

Answer: C

Q154.

What is the universal character and coding standard used for the representation of multi-lingual text for computer processing?

A. Pancode
B. Unicode
C. HTTP
D. Post-Alphanumeric

Answer: B

Q155.
Which of the following describes PULL technology?

A. Your browser requests a page from a web server and displays the page.
B. A web server automatically delivers updates to the content of a web site to users' desktops.
C. A web server notifies you of a change to the content of a specific websites.
D. Web content updates are sent via email.

Answer: A

Q156.
Which of the following technologies is ideal for a school that wants to distribute instructional lectures to all its satellite campuses that connect via a low bandwidth dial up connection**?**

A. Real Media
B. ShockWave
C. Web TV
D. QTVR (Quick Time Virtual Reality)

Answer: A

Q157.
A CGI program executes on the

A. Client
B. Server
C. Server then the client

D. Client and the server

Answer: B

Q158.
Which of the following are limitations of web browser cookies? (Choose two)

A. There is no size limit to cookies.
B. There is no limit on the number of cookies.
C. Cookies are limited in size.
D. Domains are limited by the number of cookies they can deposit on individuals' computers.

Answer: C, D

Q159.
Dissimilar network topologies are connected by which hardware device?

A. Gateway
B. Switch
C. Router
D. Bridge

Answer: A

Q160.
Which process is most prone to network congestion?

A. A Server generating content for output.
B. The Transmission of response from server to client.
C. Displaying content.
D. A request waiting in a server's queue.

Answer: D

Q161.
You are trying to access a site with its url (http://www.surftown.com) and are provided with the error "404 - File not found." What is the most likely cause?

A. There is no file that matches the server's default name.
B. The firewall is configured incorrectly for this site.
C. The default file is not an HTML file.
D. The DNS entry is not correct for this site.

Answer: A

Q162.
You want to implement OLTP in an e-commerce business application. Which of the following is the easiest to implement?

A. XML
B. Object oriented database
C. Relational Database
D. Object request program

Answer: C

Q163.
An architecture that allows the business to exchange information with another business privately is an example of a(n) _____?

A. Extranet
B. Internet
C. Intranet
D. Private-net

Answer: A

Q164.
Which broadband relay method sends information in 53 bit cells and is known to operate from 155 Mbps to 622 Mbps and faster?

A. Integrated Service Digital Network (ISDN)
B. Synchronous Optical Network (SONET)
C. Asynchronous Transfer Mode (ATM)
D. Asynchronous Digital Subscriber Line (ADSL)

Answer: C

Q165.
To establish a connection in an FTP client, which command do you use?

A. Connect
B. Access
C. Open
D. Log In

Answer: A

Q166.
You notice that many TCP sessions are being initiated to your server but not completed. What is the most likely cause?

A. Someone is PING flooding
B. A user is down loading a large graphic file.
C. Someone is SYN flooding
D. A user is logging on.

Answer: C

Q167.
Which is required prior to reviewing auditing logs

A. Enable auditing
B. Back up logs
C. Redirect logs
D. Disable logs

Answer: C

Q168.
Photo is uploaded to the server, the client is unable to view, what would cause this problem?

A. transfer in Binary mode
B. transferred in ASCII mode
C. with hash options
D. with glob options

Answer: D

Q169.
Which is an internal enterprise network that uses tools and methods developed for Internet.

A. Subnet
B. Extranet
C. VPN
D. Intranet

Answer: D

Q170.
Which of the following should be done on a web server in preproduction to ensure server can handle expected level of requests?

A. Multiple router tests
B. Network configuration analyisis
C. Router load evaluation
D. Stress test

Answer: D

Q171.

An example of an application service provider is a company that provides _____?

A. Order entry applications on a client computer
B. Dial up access
C. Off site location for a client
D. Weather information on a city

Answer: A

Q172.
Which of the following can reduce the bandwidth of a corporate Internet connection?

A. SMTP
B. IMAP
C. Gopher
D. Proxy

Answer: D

Q173.
An attempt to access Internet web site return "host unreachable". Which is the likely reason?

A. DNS Server
B. Gateway address
C. WINS address
D. DHCP

Answer: A

Q174.
What is the potential effect of search engine spamming?

A. content important to users
B. higher search engine rank
C. search is more useful
D. increased search engine value

Answer: B

Q175.
Which of the following should a developer do before using client side scripting from a 3rd party?

A. verify the copyright
B. compile the code
C. verify the server compatibility
D. remove all comments

Answer: A

Q176.
A customer wants to implement a contest on a customers web site. Which is best suited?

A. Quick Time
B. MPEG
C. Flash
D. PDF

Answer: C

Q177.
Which of the following is a common error of International English language of a web site?

A. Improper use of punctuation
B. Use of Slang
C. Use of emerging standards
D. Improper use of capitalization

Answer: B

Q178.

Which protocol develops a secure connection across public a network?

A. PPP
B. PPPoE
C. PPTP
D. SLIP

Answer: C

Q179.
You want to download a file from an FTP server named pictures.dogs.net. The dogs.net FTP server requires a username and password. Which URL should be used to access this server from your web browser?

A. FTP://username@//pictures.dogs.net
B. FTP://username@password:pictures.dogs.net
C. FTP:username:password@pictures.dogs.net
D. FTP:username:password/pictures.dogs.net

Answer: C

Q180.
Which of the following cannot be used in an extranet as a firewall?

A. Proxy Server
B. Packet filtering Gateway
C. DHCP Server
D. Circuit level Gateway

Answer: C

Q181.
Which programming languages enables programmers to put cookies on client machines?

A. PERL
B. XML
C. Java Script
D. SQL

Answer: A, C

Q182.
To display protocol statistics and current TCP/IP connections, which command should be used?

A. IPCONFIG
B. NETSTAT
C. TRACERT
D. ARP

Answer: B

Q183.
Consider the following code:
script= "java script"
!-- If selp=top
top.locations-self.location>//--
/ script

This code reduces the right of copy write violation by?

A. Enhancing the trademark viability of your site.
B. Preventing some one from using your site in a frame of their site.
C. Exhibiting right to copyright.
D. Encrypting all text.

Answer: B

Q184.
An image map

A. Provides a "road map" of a complex web site.
B. Breaks one image into multiple smaller images.
C. Displays the smaller version of a large image.
D. Displays the attributes of a graphics files.

Answer: A

Q185.
How many web safe colors are available for a designer to use when designing web graphics?

A. 16
B. 256
C. 1024
D. 256,359

Answer: B

Q186.
What protocol is being used by directory server?

A. LDAP
B. HTTP
C. FTP
D. NNTP

Answer: A

Q187.
A commonly-used server side scripting language is

A. SSL
B. PERL
C. JAVA
D. J++

Answer: B

Q188.

In order to protect copyrighted material on a web site, a copyright notice is

A. Not to be displayed.
B. Essential to display.
C. Optional but highly recommended.
D. To be displayed on the first page only.

Answer: C

Q189.
Which DNS record type identifies the person responsible for a DNS domain?

A. PTR
B. RP
C. CNAME
D. MX

Answer: B

Q190.
What does MIME stand for?

A. Multi Input Multimedia Extension
B. Multimedia Integrated Mail Extension
C. Multipurpose Internet Mail Extension
D. Management of Integrated Mail Extension.

Answer: C

Q191.
A virus can affect which of the following?

A. Bridge
B. Network Adapter
C. Gateway
D. Hub

Answer: C

Q192.
A three homed firewall is part of _____?

A. DMZ
B. Gateway
C. Packeting filtering
D. Stateful inspection

Answer: A

Q193.
Repudiatis is _____?

A. Someone accesses or misuses computers to intercept information
B. Stole Credit Card Numbers
C. A Vandal fakes a site
D. Transaction is denied by authorized party

Answer: C

Q194.
Which of the following is sets of routines, tools, protocols use to write applications for an Operating System?

A. SQL
B. XSL
C. API
D. DTD

Answer: C

Q195.

What is the most common cause of disconnection?

A. Virus
B. Line Noise
C. Modem to slow
D. Computer to slow

Answer: B

Q196.
The default subnet mask for the IP address 189.203.40.99 is?

A. 255.0.0.0
B. 255.255.0.0
C. 255.255.255.0
D. 255.255.255.255

Answer: B

Q197.
Which language was designed to integrate HTML with a data source?

A. Visual Basic
B. PERL
C. c ++
D. XML

Answer: D

Q198.
Point-to-point tunneling protocol is used to create

A. Intranets
B. Dialup access servers
C. FTP service
D. Virtual private networks

Answer: D

Q199.
The LANG attribute of an HTML tag is used to verify the language of

A. HTML tags
B. Contained elements in the document
C. HTTP headers
D. Server side includes

Answer: B

Q200.
The only protocol that can be carried by SLIP is

A. DLC
B. IPX
C. IP
D. SPX

Answer: C

Q201.
Which of these is a valid Class B address?

A. 126.115.48.4
B. 193.115.48.4
C. 10. 1 15.48.4
D. 130.120.48.4

Answer: D

Q202.

You are unable to connect to the Internet. You successfully ping 127.0.0.1 and your own IP address but are unable to ping your router's IP address. What is the most probable cause?

A. Your DNS server is down.
B. Your network adapter is not functioning correctly.
C. TCP/IP is not installed on your computer.
D. You are using the wrong subnet mask on your computer.

Answer: D

Q203.
Which device will not allow a PC to connect to the Internet?

A. Cable modem
B. Virtual modem
C. Broad band modem
D. Voice grade modem

Answer: B

Q204.
Which of the following can be tested with a web browser without a network connection?

A. Server side includes
B. Client side scripting
C. Server side scripting
D. DNS

Answer: B

Q205.
On a computer running e-mail client software, which of the following should be used?

A. RAM simulator
B. Anti-virus software
C. SNMP software
D. Web browser

Answer: B

Q206.
You want to locate information about hotels or car rentals in Arcadia, Illinois. To perform an advanced search on a search engine, what is the best command string to enter?

A. Illinois "Arcadia and hotels and car rentals"
B. Arcadia and hotels or car rentals.
C. (Arcadia and Illinois) hotels or "car rentals"
D. (Arcadia and Illinois) (hotels or car rentals)

Answer: B

Q207.
You access a web site using https://pictures.housedogs.dogs.net/pug/pups.htm:8080 as the URL. Which part of the URL specifies the fully qualified domain name (FQDN) of this server?

A. dogs.net
B. pictures.housedogs.dogs.net
C. https://pictures.housedogs.dogs.net/pups.htm:8080
D. https://pictures.housedogs.dogs.net

Answer: B

Q208.
https://www.comptia.com is an example of _____?

A. SET
B. Authentication
C. SSL
D. ACL

Answer: C

Q209.
After implementing data encryption with issue is most likely?

A. Bandwidth
B. Switch performance
C. CPU performance
D. Administrative costs

Answer: D

Q210.
A developer wants to integrate a relationship with a website by using ODBC. What should he create?

A. Distinguished Name
B. Data source binding
C. Link between data source and site
D. Data Source Name

Answer: D

Q211.
Proper syntax for copy write in head?

A. < Copyright value= " ">
B. <Meta Name = "copyright" Contents = "">
C. <Copyright attribute = " ">
D. Copyright & #copy; 2001

Answer: B

Q212.
Which topology is most likely to have NAUN and NADN?

A. Bus
B. Ring
C. Hierarchal Tree

D. Mesh

Answer: B

Q213.
Which device is used to interface a T1 to a LAN?

A. NT1
B. Bridge
C. Hub
D. CSU/DSU

Answer: D

Q214.
Role of roots servers in a DNS hierarchal structure provides?

A. Name address conversion
B. Address of authoritative server
C. Address of mail serve for domain names
D. IP Gateway to the Internet

Answer: B

Q215.
Which of the following commands will return DNS information for compia.org?

A. Nslookup
B. Ping
C. Echo
D. Tracert

Answer: A

Q216.
Company X releases a product, before installing where should the technician look for information?

A. Manufactures web site
B. Read Me
C. Newsgroup
D. Software Manual

Answer: B.

Q217.
Which of the following aspects needs to be considered for a global Web site?

A. Use of frames.
B. Scripting language.
C. Server type.
D. Numeric representation for currency.

Answer: D.

Q218.
When a business connects its distributors to retailers for real time ordering and multi-level pricing, it represents which of the following models?

A. Business to consumer.
B. Consumer to consumer.
C. Consumer to business.
D. Business to business.

Answer: D.

Q219.
Which of the following functionalities does a merchant processing system add to a Web site?

A. Credit card transaction.
B. Catalog shopping.

C. Inventory reporting.
D. Universal product accessibility.

Answer: A.

Q220.
Which factor that the LEAST effect on the performance of a Web site.

A. Bandwidth of the site's Internet connection.
B. Resolution of graphics used in the Web site.
C. Amount of RAM in the Web Server.
D. Amount of RAM in the client computer.

Answer: D.

Q221.
Which of the following is an example of a consumer-to-consumer model?

A. Storefront
B. Auction site
C. E-business
D. Portal

Answer: B.

Q222.
Which of the following business models would most likely use an intranet?

A. Business to government.
B. Business to consumer.
C. Business to employee.
D. Consumer to consumer.

Answer: C.

Q223.
Which of the following protocols would be required to provide a dynamic IP address?

A. ICMP
B. DNS
C. SLIP
D. DHCP

Answer: D.

Q224.
In order to ensure copyright protection, the copyrighted material must?

A. Be registered with a government copyright agency.
B. Be an original creation.
C. Have an individual author.
D. Not include excerpts of other copyrighted works.

Answer: A.

Q225.
Which of the following technologies can be used in an HTML document to ask the Web server to run an external command or insert an environment variable?

A. Dynamic HTML (DHTML)
B. Server Side Include (SSI)
C. Cascading Style Sheets (CSS)
D. eXtensible Markup Language (XML)

Answer: B.

Q226.
Which of the following is a possible disadvantage of using a search engine?

A. It takes too long to search large amount of data.

B. The search may return too many responses.
C. A search engine locates pages containing very specific words or phrases.
D. A search engine does not accept natural language queries.

Answer: B.

Q227.
Which of the following tools would be best enable Web access to an SQL database in a UNIX/Linux Web server?

A. PHP
B. RDBMS
C. ASP
D. XML

Answer: A.

Q228.
Which of the following markup languages is used to deliver optimized Web content to a portable wireless device?

A. HTML
B. SGML
C. DHTML
D. WML

Answer: D.

Q229.
The correct FTP mode for downloading a graphical image file is?

A. binary
B. glob
C. ascii
D. hash

Answer: A.

Q230.
A company wants to enable its business partners to view the production schedule for products business partners have ordered. Which of the following would be the best architecture for this?

A. Internet
B. Intranet
C. Extranet
D. Virtual private network.

Answer: C.

Q231.
A user has opened the browser to begin surfing and the home page appears. As the user continues to browse the Internet, all requests for new pages come up with a "server not found" error. DNS settings are correct and have not been changed since they worked last. Which of the following is the most likely reason the user can view the home page and none of new pages?

A. The ISP has blocked new pages from being viewed.
B. The sites are under construction.
C. Previously viewed pages have been cached to the hard drive.
D. The computer has been attacked by a virus.

Answer: C.

Q232.
Which of the following Internet connection devices minimize bandwidth usage?

A. Network address translation server.
B. Packet-filtering firewall.
C. Router
D. Proxy server.

Answer: D.

Q233.
In HTML tags, Web page color attributes are normally expressed as which of the following types of numerals?

A. Binary (base 2)
B. Octal (base 8)
C. Decimal (base 10)
D. Hexadecimal (base 16)

Answer: D.

Q234.
JavaScript and Flash Action Scripting are examples of?

A. Client-side scripting.
B. PERL scripting.
C. Server-side scripting.
D. PHP scripting.

Answer: A.

Q235.
Web caching does NOT provide a reduction in?

A. Document download time.
B. Bandwidth demands.
C. The number of requests processed by the Web server.
D. The number of security breaches.

Answer: D.

Q236.
A user has been browsing the Internet for several hours. The user's computer displays an alert that it is running out of disk space. The user has not downloaded any large files. Which of the following is the best way to solve the problem?

A. Disable the image loading function.
B. Restart the computer.
C. Clear the browser history.
D. Clear the browser cache,

Answer: D.

Q237.
Within form tags, which of the following HTML tags would be used to create a hidden form field?

A. <input type = “text” size = “1” value = “hidden”>
B. <input type = “hidden” size = “1” value = “text”>
C. input type = text size = 1 value = hidden
D. <input type = hidden size = 1 value = text/>

Answer: B.

Q238.
A user is searching for government documents about small businesses in England. Each time the user performs a standard search, information about small businesses in the United States (USA) is returned. Which of the following strings can the user enter to exclude information about the USA from the search?

A. “small business” England – USA “government documents”
B. “small business” England “not USA” “government documents”
C. “small business” England “government documents” minus USA
D. “small business” England –USA “government documents”

Answer: D.

Q239.
Which of the following command line utilities can be used to post content to a Web site?

A. Tracert
B. Ping
C. GREP
D. FTP

Answer: D.

Q240.
Which of the following would best test the ability of a Web server to deliver content to a large volume of external requests simultaneously?

A. Stress test a Web server's objective.
B. Test the Web documents for the ability to be displayed by multiple browsers.
C. Test the Web server's database query response time.
D. Conduct a link track of all Web pages.

Answer: A.

Q241.
Which of the following is the purpose for entering keywords into a meta-tag?

A. Allows the Web site to be more readily found by search spiders.
B. Permits the Web browser to see the Web site.
C. Allows a Web site to be downloaded to a computer.
D. Automatically registers the Web site with a search name.

Answer: A.

Q242.
The first step after the installation of virus protection software is to do which of the following?

A. Disable the system file checker.
B. Update the virus signatures.
C. Remove any personal firewalls.
D. Reinstall the operating system.

Answer: B.

Q243.

ASP uses which of the following database connectivity tools?

A. ODBC
B. JDBC
C. PHP
D. DBI

Answer: A.

Q244.
A Web page has been updated recently, but a user is still viewing the older version of the page. Which of the following is causing this problem?

A. The browser is incompatible with the new page.
B. The older version is in the cache.
C. Permissions are preventing access.
D. The history needs to be refreshed.

Answer: B.

Q245.
A user requests a Web page. The request goes through several steps. What is the correct order from first to last for the following steps?

1. The server transmits the data to the client.
2. The client machine writes to the cache.
3. The server generates a response to the request (runs scripts of searches for files).

A. 1, 2, 3
B. 1, 3, 2
C. 3, 1, 2
D. 3, 2, 1

Answer: C.

Q246.

Which of the following file extension formats is associated with Web-based animation?

A. .TIF
B. .JPG
C. .PNG
D. .GIF

Answer: D.

Q247.
Service packs are an important part of keeping software programs current. Of the choices given, when should service packs be installed to a production environment?

A. Daily
B. Weekly
C. As soon as the packs are announced.
D. After the results of testing are known.

Answer: D.

Q248.
Which of the following is an example of special software for searching the Internet to gather information about Web sites to populate a database?

A. Search engine
B. Spider
C. Network monitor
D. Meta-generator

Answer: B.

Q249.
Which of the following plug-ins is most likely to be implemented on a Web page that uses streaming vector-based graphics?

A. QuickTime Virtual Reality (QTVR)

B. Virtual Reality Markup Language (VRML)
C. Flash
D. RealPlayer

Answer: C.

Q250.
Which of the following is the principal advantage of Filer Transfer Protocol (FTP), over Trivial File Transfer Protocol (TFTP)?

A. Provides authentication
B. Has no directory browsing capability.
C. Can only send and receive files.
D. Sends smaller blocks of data.

Answer: A.

Q251.
Which of the following is the reason that directories often provide more useful information than search engines?

A. Directories allow a user to search on keywords.
B. Directories allow users to locate information based on categories.
C. Search engines are updated more often.
D. Search engines return specific information relating to the item searched.

Answer: B.

Q252.
A CGI file is normally parsed?

A. On the server by the Web server software.
B. On the client by the browser software.
C. By the server's operating system.
D. By the client's operating system.

Answer: A.

Q253.
Which of the following client settings are required to enable PC to communicate with another host on a TCP/IP wide area network?

A. IP address only.
B. IP address and subnet mask only.
C. IP address, subnet mask, and default gateway.
D. IP address, subnet mask, and DNS Server.

Answer: C.

Q254.
A user on the network is unable to access the Internet. Which of the following is the most likely cause of this problem?

A. The SMTP server is down.
B. The IP address needs to be decrypted by the client.
C. The DHCP server is currently unavailable.
D. The IPSec needs to be configured.

Answer: C.

Q255.
Which of the following is a defining characteristic of XHTML?

A. All tags must have one or more attributes.
B. All elements and attributes in tags must be lowercase.
C. Tags need not be properly nested.
D. Use of the <title> tag is optional.

Answer: C.

Q256.

A user can access e-mail in the main office but not when dialing in from home. Which of the following is the typical FIRST step in troubleshooting the problem?

A. Check the SMTP settings on the e-mail server.
B. Check the user name and password on the home computer's e-mail client.
C. Apply service packs on the client operating system.
D. Remove the FTP and Telnet programs form the laptop.

Answer: B.

Q257.
Which of the following commands would establish a connection to an FTP server?

A. open
B. connect
C. access
D. get

Answer: A.

Q258.
Which of the following should be added to an HTML page to ensure that the client will automatically receive up-to-date information?

A. <META CONTENT = "Refresh" NAME = "60">
B. <META NAME = "Refresh" CONTENT = "60">
C. <META TAG = "Refresh" NAME = "60">
D. <META CONTENT = "Refresh" TAG = "60">

Answer: B.

Q259.
A user wants to find information about Mark Twain through a search engine. Which of the following should be typed in the search form to produce the most accurate hits?

A. Mark Twain

B. “Mark Twain”
C. Mark + Twain
D. Twain, Mark

Answer: B.

Q260.
The first step to prepare for the installation of new software is to do which of the following?

A. Disconnect all USB devices from the computer.
B. Check the vendor’s Web site for known issues and patches.
C. Enable the Windows installer from the control panel.
D. Disconnect the computer from the network.

Answer: B.

Q261.
A customer has an hour-long multimedia presentation that the customer wants to make available on the customer’s Web site. Which of the following technologies would be the best to use?

A. QuickTime Virtual Reality (QTVR)
B. Real Media
C. AVI
D. MPEG

Answer: B.

Q262.
A vendor has just informed the technician via e-mail that a new service pack or maintenance path has been released. The first step the technician should take is to?

A. Immediately download the file and push the update across the network.
B. Review the readme file to determine if the update is necessary.
C. Ignore the information unless someone else has installed it without any problems.
D. Disable the virus protection and then download and install the update.

Answer: B.

Q263.
Which of the following types of servers would allow a network administrator to automatically configure the TCP/IP protocol for client machines on the network?

A. Proxy
B. DHCP
C. DNS
D. LDAP

Answer: B.

Q264.
Decide whether the action makes it likely or unlikely that the user will achieve the goal described below. Select the best statement for the reason that the action is likely or unlikely to accomplish the goal.

GOAL: Send a message over the Internet, reducing the risk that it may be read by someone other than the intended recipient.

ACTION: The sender takes the clear text message and runs it though an encryption algorithm using the receiver's public key. The receiver then decrypts the message with a decryption algorithm using the sender's private key.

A. LIKELY, because both the sender and receiver are using the same key.
B. LIKELY, because the sender used clear text in the message.
C. UNLIKELY, because the receiver should have used the receiver's private key.
D. UNLIKELY, because the receiver should have used the sender's public key.

Answer: C.

Q265.
A new virus has just been discovered. The technician installed antivirus software on each client machine 2 weeks ago. Which of the following actions should be taken first?

A. Reinstall the antivirus software.
B. Install the latest antivirus engine update.
C. Install the latest virus definition update file.

D. Encrypt all sensitive data.

Answer: C.

Q266.
The sales staff needs to submit 15MB files from remote sites on a regular basis. Which of the following is the best method to transfer these files?

A. E-mail
B. FTP
C. TELNET
D. Ethernet

Answer: B.

Q267.
Which of the following types of servers would most likely be placed in a DMZ?

A. File
B. Web
C. Print
D. Proxy

Answer: B.

Q268.
Which of the following would allow an administrator at a remote location to perform tasks on the server as if the administrator were logged in locally?

A. Telnet
B. FTP
C. E-mail
D. Web

Answer: A.

Q269.
Which of the following protocols uses port 80 by default?

A. HTML
B. HTTP
C. HTTPS
D. DNS

Answer: B.

Q270.
A denial of service attack has which of the following outcomes?

A. Sensitive data is exposed.
B. Networking resources are damaged.
C. Access to network resources is limited.
D. Network data is modified or deleted.

Answer: C.

Q271.
One of the company managers calls to complain about not being able to connect to the company's intranet. The network administrator successfully connects from a workstation using the manager's user name and password. However, the manager still cannot connect. Which of the following could be the problem?

A. The manager's permissions are not set properly.
B. The intranet server is down.
C. The Web server is down.
D. The manager's Caps Lock is turned on.

Answer: D.

Q272.
A document that is 7,000 bytes would take how many seconds to download over an analog 56 Kbps connection?

A. 1 second
B. 5 seconds
C. 8 seconds
D. 12.5 seconds

Answer: A.

Q273.
Which of the following types of attacks is used to steal data?

A. SYN flooding
B. Denial of service.
C. Man in the middle.
D. E-mail flooding.

Answer: C.

Q274.
Which of the following is the minimum requirement for a client computer to access the Internet?

A. CD-ROM
B. TCP/IP connection
C. A Web browser
D. An e-mail client

Answer: B.

Q275.
A bastion host can be implemented by using which of the following types of servers?

A. Proxy
B. Certificate
C. SSL
D. Key distribution center

Answer: A.

Q276.
Which of the following would verify a Web-site user based on username and password?

A. Access lists
B. Authentication
C. Encryption
D. Secure socket later (SSL)

Answer: B.

Q277.
Below is a list of components.
1. Web browser
2. TCP/IP Stack
3. Windows 98

Which of the following could be the additional fourth component required to allow Internet access?

A. DHCP server
B. E-mail client
C. Network connection
D. DNS server

Answer: C.

Q278.
Which of the following firewall security features would be used to perform intrusion detection?

A. Port hardening
B. Auditing
C. Protocol filtering
D. Routing redirection

Answer: B.

Q279.
The goal of securing an Internet Web server that is set up to allow only incoming HTTP traffic is to permit access based on?

A. User name and password authentication.
B. Port
C. Source IP only.
D. Source network ID only.

Answer: B.

Q280.
Which of the following network monitoring devices can be used to troubleshoot network cabling and monitor network performance?

A. Digital voltmeter
B. LAN cable meter
C. Packet sniffer
D. Network analyzer

Answer: D.

Q281.
Which of the following statements about personal firewall software is true?

A. It protects against an ARP flood.
B. It encrypts all data on the Internet.
C. It can protect a PC by using port blocking.
D. It needs to be installed in a hidden directory.

Answer: C.

Q282.

Unencrypted passwords are inherently unsecure for which of the following reasons?

A. They are more vulnerable to brute-force cracking.
B. They are difficult to memorize.
C. They may be easily intercepted and viewed.
D. They lack adequate complexity.

Answer: C.

Q283.
Which of the following internetworking devices will allow connectivity and communication between networks with different IP subnets?

A. Router
B. Bridge
C. Switch
D. Repeater

Answer: A.

Q284.
An effective method for preventing virus infection through e-mail is to do which of the following?

A. Block attachments based on file extensions on the mail server.
B. Configure the default gateway of the mail server to be the IP address of the firewall.
C. Enable port filtering on the e-mail server.
D. Enable packet filtering on the router.

Answer: A.

Q285.
If a user wants to make sure the information transferred over a connection is secure, which of the following security methods should be used?

A. Encryption
B. Client-side virus software
C. Packet filtering

D. Authentication

Answer: A.

Q286.
To enable users to establish a command line session with a UNIX computer, which of the following types of services should be installed?

A. Rlogin
B. Telnet
C. Gopher
D. LDAP

Answer: B.

Q287.
A RAS service is running on one of the company's servers. Which of the following methods would increase security and prevent unauthorized users access to the RAS server?

A. Install a firewall.
B. Install a proxy server.
C. Enable SSL.
D. Enable callback.

Answer: D.

Q288.
What functionality does a firewall provide to a network?

A. Smart card authentication.
B. Port level filtering.
C. An uninterruptible supply.
D. Fault tolerance.

Answer: B.

Q289.
Which of the following command line utilities can be used to test connectivity to http://www.testking.com?

A. Ping
B. ARP
C. Netstat
D. WINIPCFG

Answer: A.

Q290.
Establishing hundreds of half-open TCP sessions from a single host is an example of?

A. Ping flooding
B. SYN flooding
C. Spamming
D. Spoofing

Answer: B.

Q291.
A client has just implemented an xDSL Internet connection. To protect the company from unwanted outside access, the developer advised the company to install?

A. A hub
B. SSL encryption
C. A firewall
D. PVP tunneling

Answer: C.

Q292.
A user can browse to various Internet sites by using IP addresses but not by typing URLs. Which of the following would cause this problem?

A. LDAP is failing to translate addresses.
B. The routing table needs to be updated.
C. The router is blocking URL access.
D. The DNS server is unavailable.

Answer: D.

Q293.
A DMZ is defined as?

A. A group of firewalls.
B. A group of servers hidden from the Internet.
C. A neutral area between a private network and a public network.
D. Software required for network configuration that attach to the network.

Answer: C.

Q294.
Symmetric encryption is defined as?

A. A one-way encryption function.
B. The use of the same key for encryption and decryption.
C. Digital document signing.
D. The establishment of a fixed key length algorithm.

Answer: B.

Q295.
Which of the following devices operate sat the Datalink Layer and forwards frames based on the destination MAC address at near wire speed?

A. Router
B. Switch
C. Hub
D. Repeater

Answer: B.

Q296.
Recently a company's Web server has received many denial of service attacks from users on the Internet. Which of the following is the best way to prevent future attacks?

A. Install a firewall on the company's server.
B. Configure content filtering on the company's proxy server.
C. Change the company's IP address to 10.1.1.1.
D. Change the SNMP community name of the company's router to private.

Answer: A.

Q297.
The help desk has received reports of several people being unable to log into the network because their accounts have been locked out. Which of the following types of logs should be examined first?

A. Network performance
B. FTP
C. Audit
D. Application

Answer: C.

Q298.
Fast Ethernet uses which of the following types of network topologies?

A. Star-wired bus.
B. Star-wired ring
C. Mesh
D. Ring

Answer: D.

Q299.

Which of the following passwords would be the most difficult for a hacker to decode?

A. Supervisor
B. 5551212
C. Intr00Sion56
D. Pencil42

Answer: C.

Q300.
As a technician is monitoring the domain with a network analyzer, the technician notices a 400% increase in ICMP traffic. This situation is described as which of the following?

A. An e-mail flood.
B. A ping flood.
C. A SYN attack.
D. A man-in-the middle attack.

Answer: B.

Q301.
A device used to perform security screening based on port numbers is called a?

A. Multi-station access unit (MAU)
B. Firewall
C. DNS server
D. Repeater

Answer: B.

Q302.
Which of the following types of authorization would be considered a biometric method for accessing the network?

A. Fingerprint scanner.
B. Smart card.
C. Password entry.

D. Digital certificate.

Answer: A.

Q303.
The owner of a business calls and asks if there is a way to stop employees from listening to streaming audio and sending instant messages to their friends. The best for the owner would be to enable?

A. One-way encryption.
B. Port filtering.
C. Packet scanning.
D. Hold-down timers.

Answer: B.

Q304.
Which type of DNS entry is responsible for designating the SMTP server for a domain?

A. An A record.
B. An MX record.
C. A CName record.
D. A PTR record.

Answer: B.

Q305.
A file is encrypted by using the public key of the recipient. Which of the following does the recipient use to decrypt the file?

A. The private key of the sender.
B. The private key of the recipient.
C. The public key of the sender.
D. The public key of the recipient.

Answer: B.

Q306.
If a user is experiencing problems receiving e-mail, which of the following servers should the administrator troubleshoot?

A. POP3
B. SMTP
C. NNTP
D. SNMP

Answer: B.

Q307.
In the URL http://ftp.comptia.com/index.htm, which if the following is the domain name?

A. www.comptia.com
B. ftp.comptia.com
C. comptia.com
D. index.htm

Answer: C.

Q308.
An intentional attempt to disable a server by eliminating all of its available objectives is an example of?

A. A denial of service attack.
B. Hacking
C. Spoofing
D. A man-in-the-middle attack.

Answer: A.

Q309.
Which of the following types of servers would allow multiple users on a network to have simultaneous access to the Internet using one public IP address?

A. NAT
B. DNS
C. LDAP
D. SMTP

Answer: A.

Q310.
Which of the following protocols is used to establish a remote access Virtual Private Network (VPN) connection?

A. SLIP
B. PPP
C. PPTP
D. DHCP

Answer: C.

Q311.
A hacker altered the header of a TCP/IP packet so the hacker is able to assume the identity of another device. Which of the following types of attack did the hacker conduct?

A. Identity theft
B. Spoofing
C. Spamming
D. SYN flood.

Answer: B.

Q312.
For a company that maintains its own DNS records, which of the following is the first DNS server in that domain called?

A. Forwarder
B. Master
C. Caching

D. Primary

Answer: A.

Q313.
Which of the following is an advantage of retail companies with a storefront over an e-business?

A. Many consumers are more comfortable with returning unsatisfactory merchandise to retail companies.
B. Current tax polices often favor retail companies with storefronts.
C. Retail companies can establish an international presence with lower risks.
D. Small purchases can be shifted to e-business divisions.

Answer: A.

Q314.
A company's employees belong to groups that require a forum, which enables members to collaborate remotely in a message-based format. The company wants the messages to remain persistent and wants to prevent unauthorized access. Which of the following types of servers should the company install and configure?

A. Mail with Class 1certificates for each collaborative group.
B. Proxy that allows communication only between group members.
C. News with user-specific passwords.
D. List with user-specific passwords.

Answer: C.

Q315.
Which of the following tools can be used to convert an FQDN into an IP address?

A. DNS
B. SMTP
C. LDAP
D. HTTP

Answer: A.

Q316.
Which if the following business models is most likely to use an extranet?

A. Business to consumer.
B. Consumer to business.
C. Business to business.
D. Consumer to consumer.

Answer: C.

Q317.
Which of the following would be the simplest programming language to complete the task of linking a Web server to a database?

A. PERL
B. JAVA
C. JSP
D. C++

Answer: A.

Q318.
Which of the following IP addresses can be used on the Internet?

A. 192.168.1.1
B. 127.101.34.56
C. 121.256.191.129
D. 190.12.145.248

Answer: D.

Q319.
The term for a Web site that provides site personalization, Web directory services, searching, and online e-mail is?

A. A Web gateway.
B. A portal.
C. An extranet.
D. A site map.

Answer: B.

Q320.
All of the following can be included within a <head> section of an HTML document EXCEPT?

A. <base>
B. <link>
C. <meta>
D. <img>

Answer: D.

Q321.
Which of the following terms describes a company that writes and hosts applications for other companies?

A. Service bureau
B. Application host service
C. Host service provider
D. Application service provider.

Answer: D.

Q322.
A company wants to create a method for allowing its employees to read meeting notes and policy implementations, but does not want to allow others outside the company to see this information. Which of the following should be implemented in order to do this?

A. VLAN
B. Intranet
C. Extranet
D. Internet

Answer: B.

Q323.
Which of the following is the correct use of a meta-tag?

A. <HTML><HEAD><TITLE>Acme Website</TITLE><META =”Keywords” CONTENT = “Network+, Server+, A+, IT Project+, e-Biz+, Linux+”><META = “Description” CONTENT = “ More than 400,000 people in the technology community have benefited from Acme”>
B. <HTML><HEAD><TITLE>Acme Website</TITLE><META NAME = “Keywords”, CONTENT = “Network+, Server+, A+, IT Project+, e-Biz+, Linux+”><META NAME = “Item” CONTENT = “More than 400,000 people in the technology community have benefited from Acme”>
C. <HTML><HEAD><TITLE>Acme Website</TITLE><META NAME = “Keywords” CONTENT = “Network+, Server+, A+, IT Project+, e-Biz+, Linux+”><META NAME = “Description” CONTENT = “More than 400,000 people in the technology community have benefited from Acme”>
D. <HTMP><HEAD><TITLE>Acme Website</TITLE><META NAME = “Keywords” CONTENT = “Network+, Server+, A+, IT Project+, e-Biz+, Linux+”><META NAME = “Search” CONTENT = “More than 400,000 people in the technology community have benefited from Acme”>

Answer: C.

Q324.
The Internet is most like which of the following types of networking topologies?

A. Star
B. Bus
C. Ring
D. Mesh

Answer: D.

Q325.
Which of the following types of business documentation is most suitable for transmission via Electronic Data Interchange (EDI)?

A. Payroll
B. Wire transfers

C. Stock trades
D. Orders and invoices

Answer: D.

Q326.
The best reason to view a Web page in different browsers and at different screen resolutions is to ensure which of the following?

A. The link to the server has enough bandwidth.
B. The Web server hosting software will be compatible with many systems.
C. The Web page will be compatible with many operating systems.
D. As many visitors as possible can see the page properly.

Answer: C.

Q327.
Which of the following types of connections enables a higher download speed than upload speed?

A. ADSL
B. Frame relay
C. X.25
D. T1/E1

Answer: A.

Q328.
A network administrator wants to include an MP3 file on the company's Web site. Before placing the file in the Web page, the administrator should check?

A. The source of the file and its copyright.
B. That the browser supports this audio file format.
C. That the file is compressed enough for quick download.
D. That the locale where the server is located allows embedding sound files in Web pages.

Answer: A.

Q329.
Which of the following languages would be best suited to provide a dynamic page to wireless clients from a Java Servlet application?

A. JavaScript
B. VBScript
C. Perl
D. WML

Answer: D.

Q330.
Which of the following can be used to examine the contents of packets being sent on a network?

A. Netstat
B. Protocol analyzer
C. SNMP management station
D. Time domain reflectometer (TDR)

Answer: B.

Q331.
Which of the following is an example of a strategic marketing consideration when a company launches an e-business initiative?

A. Setting permissions for access to specific marketing objective.
B. Configuring the Web site to hand tax policies of varies states and countries.
C. Adapting the marketing approaches to the local customs of the target market.
D. Delivering marketing files to the Web developers in a timely manner.

Answer: C.

Q332.

Which of the following would be the quickest and efficient tool for adding the last update date to an otherwise static HTML page?

A. XML
B. C++
C. SSI
D. JSP

Answer: A.

Q333.
Where can technical specifications for Internet protocol standards be found?

A. RFC
B. FAQ
C. White papers
D. RPC

Answer: A.

Q334.
Which of the following does the acronym CGI stand for?

A. Consumer guided interactions.
B. Common gateway interface.
C. Consumer gateway interface.
D. Common gateway interchange.

Answer: B.

Q335.
Which of the following can be used to create animated vector-based graphics?

A. QuickTime
B. Shockwave
C. Flash
D. AVI

Answer: C.

Q336.
A user enters http://216.119.103.172 in the Web browser address field and successfully accesses the Acme Web site. However, after entering http://www.Acme.com the user is unable to access the Web site. Which of the following is the most probable cause?

A. The user's computer is not correctly configured to use a DNS server.
B. The Uniform Resource Locator (URL) is incorrect.
C. The Acme.com Web server is not functioning.
D. The user's computer is not configured to use HTTP.

Answer: A.

Q337.
Which of the following client-side languages is browser specific?

A. Java
B. PERL
C. VBscript
D. XML

Answer: C.

Q338.
Hypertext Preprocessor (PHP) and Active Server Pages (ASP) are examples of?

A. Common Gateway Interface (CGI) programs.
B. Structured Query Language (SQL).
C. Server-side scripting.
D. Compiled code.

Answer: C.

Q339.
Which of the following is used to set the point size of a font on a Web page?

A. Dynamic HTML (DHTML)
B. Server Side Include (SSI)
C. Cascading Style Sheets (CSS)
D. Active Server Pages (ASP)

Answer: C.

Q340.
What is the color depth of JPEG?

A. 8-bit
B. 16-bit
C. 24-bit
D. 48-bit

Answer: C.