Chapter 6: Introduction to Internet and WWW

Q1. LAN stands for?

A) Local Area Network
B) Large Area Network
C) Long Area Network
D) Limited Area Network
Answer: A) Local Area Network

Q2. WAN stands for?

A) Wide Area Network
B) Wireless Area Network
C) Web Area Network
D) Wired Area Network
Answer: A) Wide Area Network

Q3. WWW stands for?

A) World Wide Web
B) World Web Wide
C) Wide World Web
D) Web World Wide
Answer: A) World Wide Web

Q4. Which of the following is a web browser?

A) Google
B) Google Chrome
C) Yahoo
D) Bing
Answer: B) Google Chrome

Q5. Which of the following is a search engine, not a web browser?

A) Mozilla Firefox
B) Google Chrome
C) Google
D) Microsoft Edge
Answer: C) Google

Q6. ISP stands for?

A) Internet Service Provider
B) Internet System Provider
C) Internal Service Provider
D) Internet Service Protocol
Answer: A) Internet Service Provider

Q7. IP stands for?

A) Internet Protocol
B) Internal Protocol
C) Internet Provider
D) Internet Process
Answer: A) Internet Protocol

Q8. Which of the following is an example of a network topology?

A) Star
B) Bus
C) Ring
D) All of the above
Answer: D) All of the above

Q9. A unique address assigned to identify a computer on a network is called?

A) URL
B) IP Address
C) Domain Name
D) HTTP
Answer: B) IP Address

Q10. Which of the following is used to connect to the internet wirelessly over a short range?

A) Wi-Fi
B) LAN Cable
C) USB Tethering
D) Broadband
Answer: A) Wi-Fi

Q11. MAC address is used to uniquely identify?

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A) A website
B) A network interface/device on the network
C) An email
D) A file
Answer: B) A network interface/device on the network

Q12. IMEI number is used to uniquely identify?

A) A mobile device
B) A website
C) A computer program
D) An email account
Answer: A) A mobile device

Q13. A website's unique address is called?

A) IP Address
B) URL
C) MAC Address
D) DNS
Answer: B) URL

Q14. Which protocol is commonly used to access websites?

A) FTP
B) HTTP/HTTPS
C) SMTP
D) POP3
Answer: B) HTTP/HTTPS

Q15. Which of the following provides higher internet speed using telephone lines?

A) Dial-up
B) Broadband
C) USB Tethering
D) Bluetooth
Answer: B) Broadband

Q16. Which of the following network topology connects all devices to a single central cable?

A) Bus Topology
B) Star Topology
C) Ring Topology
D) Mesh Topology
Answer: A) Bus Topology

Q17. Which of the following network topology connects all devices to a central hub/switch?

A) Bus Topology
B) Star Topology
C) Ring Topology
D) Tree Topology
Answer: B) Star Topology

Q18. Which of the following network topology connects devices in a circular manner?

A) Bus Topology
B) Star Topology
C) Ring Topology
D) Mesh Topology
Answer: C) Ring Topology

Q19. A network confined to a small geographical area like an office or building is called?

A) LAN
B) WAN
C) MAN
D) PAN only
Answer: A) LAN

Q20. A network that spans a large geographical area, such as across countries, is called?

A) LAN
B) WAN
C) PAN
D) None of the above
Answer: B) WAN

Q21. Which of the following converts domain names into IP addresses?

A) DNS (Domain Name System)
B) ISP
C) HTTP
D) URL
Answer: A) DNS (Domain Name System)

Q22. Which of the following is a secure version of HTTP that encrypts data?

A) HTTP
B) HTTPS
C) FTP
D) SMTP
Answer: B) HTTPS

Q23. Which of the following symbol in a browser address bar usually indicates a secure website?

A) A padlock icon
B) A star icon
C) A question mark
D) An exclamation mark only
Answer: A) A padlock icon

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Q24. Which of the following extension (TLD) is commonly used by government websites in India?

A) .com
B) .gov.in
C) .org
D) .net

Answer: B) .gov.in

Q25. Which of the following extension (TLD) is commonly used for educational institutions?

A) .edu
B) .com
C) .net
D) .biz

Answer: A) .edu

Q26. Which of the following extension (TLD) is commonly used by commercial organizations?

A) .com
B) .edu
C) .gov
D) .mil

Answer: A) .com

Q27. Which of the following extension (TLD) is commonly used by non-profit organizations?

A) .org
B) .com
C) .net
D) .edu

Answer: A) .org

Q28. Which of the following mode of connecting to the internet uses a mobile phone's data to provide internet to other devices?

A) Hotspot/USB Tethering
B) LAN Cable
C) Broadband
D) Dial-up

Answer: A) Hotspot/USB Tethering

Q29. Which of the following is a popular search engine?

A) Google
B) Google Chrome
C) Mozilla Firefox
D) Internet Explorer

Answer: A) Google

Q30. Which of the following allows saving a webpage for offline viewing?

A) Downloading/Saving the Web Page
B) Bookmarking only
C) Printing only
D) None of the above

Answer: A) Downloading/Saving the Web Page

Q31. Which of the following allows quick access to a favorite website without typing the URL again?

A) Bookmark/Favorites
B) History
C) Cache
D) Cookies

Answer: A) Bookmark/Favorites

Q32. Which of the following stores a record of websites visited in a browser?

A) History
B) Bookmarks
C) Downloads
D) Extensions

Answer: A) History

Q33. Which of the following stores small pieces of data from websites to remember login/preferences?

A) Cookies
B) Bookmarks
C) History
D) Extensions

Answer: A) Cookies

Q34. Which shortcut key is used to open a new tab in most web browsers?

A) Ctrl + T
B) Ctrl + N
C) Ctrl + W
D) Ctrl + O

Answer: A) Ctrl + T

Q35. Which shortcut key is used to close the current browser tab?

A) Ctrl + T
B) Ctrl + W
C) Ctrl + N
D) Ctrl + O

Answer: B) Ctrl + W

Q36. Which shortcut key is used to refresh/reload a webpage?

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A) F5
B) F2
C) F7
D) F11
Answer: A) F5

Q37. Which of the following is required to browse the internet on a computer?

A) A web browser and internet connection
B) Only a printer
C) Only a scanner
D) Only a monitor
Answer: A) A web browser and internet connection

Q38. Which of the following device connects a home/office network to the internet?

A) Router/Modem
B) Printer
C) Scanner
D) Monitor
Answer: A) Router/Modem

Q39. Which of the following best describes "Surfing the Web"?

A) Browsing through different websites on the internet
B) Downloading files only
C) Sending emails
D) Printing documents
Answer: A) Browsing through different websites on the internet

Q40. Which of the following is an example of Wide Area Network (WAN)?

A) The Internet
B) A single office LAN
C) A home Wi-Fi network only
D) A single computer
Answer: A) The Internet

Q41. Which of the following is the correct full form of URL?

A) Uniform Resource Locator
B) Universal Resource Locator
C) Unified Resource Link
D) Uniform Resource Link
Answer: A) Uniform Resource Locator

Q42. Which of the following best describes an ISP's role?

A) Provides internet access/connectivity to users
B) Manufactures computers
C) Provides only software
D) Provides only hardware
Answer: A) Provides internet access/connectivity to users

Q43. Which of the following connection type generally offers the fastest internet speed?

A) Dial-up
B) Fiber Broadband
C) USB Tethering only
D) Bluetooth
Answer: B) Fiber Broadband

Q44. Which of the following is used to identify a device's physical hardware address on a network?

A) MAC Address
B) URL
C) Domain Name
D) DNS
Answer: A) MAC Address

Q45. Which of the following statement about IP Address is correct?

A) It is a unique numerical address assigned to devices on a network
B) It is the physical hardware address of a device
C) It is the same as a domain name
D) It never changes
Answer: A) It is a unique numerical address assigned to devices on a network

Q46. Which of the following browser is developed by Microsoft?

A) Microsoft Edge
B) Google Chrome
C) Mozilla Firefox
D) Safari
Answer: A) Microsoft Edge

Q47. Which of the following browser is developed by Apple?

A) Safari
B) Chrome
C) Edge
D) Firefox
Answer: A) Safari

Q48. Which of the following browser is developed by Mozilla Foundation?

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A) Firefox
B) Chrome
C) Edge
D) Safari
Answer: A) Firefox

Q49. Which of the following network topology is most fault-tolerant because every device connects to every other device?

A) Mesh Topology
B) Bus Topology
C) Ring Topology
D) Star Topology
Answer: A) Mesh Topology

Q50. Which of the following describes "Downloading" a file?

A) Transferring a file from the internet to your local device
B) Transferring a file from your device to the internet
C) Deleting a file
D) Printing a file
Answer: A) Transferring a file from the internet to your local device

Q51. Which of the following describes "Uploading" a file?

A) Transferring a file from your device to the internet/server
B) Transferring a file from internet to device
C) Deleting a file
D) Renaming a file
Answer: A) Transferring a file from your device to the internet/server

Q52. Which of the following device identification method is unique to a mobile phone's hardware for network identification?

A) IMEI
B) URL
C) DNS
D) ISP
Answer: A) IMEI

Q53. Which of the following is the correct term for a program that allows users to view and interact with websites?

A) Web Browser
B) Search Engine
C) ISP
D) Router
Answer: A) Web Browser

Q54. Which of the following is generally the fastest way to connect multiple computers in a small office directly?

A) LAN Cable
B) Dial-up
C) Bluetooth
D) Satellite
Answer: A) LAN Cable

Q55. Which of the following best defines the "Internet"?

A) A global network connecting millions of computers/devices worldwide
B) A single computer's storage
C) A type of software application
D) A type of printer
Answer: A) A global network connecting millions of computers/devices worldwide

Q56. Which of the following network device forwards data packets between different networks based on IP address?

A) Router
B) Switch primarily works within a single network
C) Modem converts signals
D) Hub broadcasts to all ports
Answer: A) Router

Q57. Which of the following device connects multiple computers within a single LAN and forwards data based on MAC address?

A) Switch
B) Router primarily connects different networks
C) Modem converts signals
D) Repeater boosts signal
Answer: A) Switch

Q58. Which of the following device converts digital signals from a computer into analog signals for transmission over telephone lines and vice versa?

A) Modem
B) Router
C) Switch
D) Hub
Answer: A) Modem

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Q59. Which of the following device simply broadcasts incoming data to all connected devices without filtering?

A) Hub
B) Switch filters based on MAC address
C) Router filters based on IP address
D) Modem converts signals
Answer: A) Hub

Q60. Which of the following best describes 'Bandwidth' in networking?

A) The maximum rate of data transfer across a network connection
B) The physical length of a network cable
C) The number of computers in a network
D) The brand of the router
Answer: A) The maximum rate of data transfer across a network connection

Q61. Which of the following is a measure of internet speed commonly expressed in Mbps?

A) Megabits per second (data transfer rate)
B) Megabytes only
C) Gigahertz (processor speed)
D) Pixels per inch
Answer: A) Megabits per second (data transfer rate)

Q62. Which of the following describes 'Ping' in the context of networking?

A) A utility to test connectivity and measure response time between two devices
B) A type of virus
C) A type of browser
D) A type of search engine
Answer: A) A utility to test connectivity and measure response time between two devices

Q63. Which of the following is the correct term for the process of finding a website's IP address using its domain name?

A) DNS Lookup/Resolution
B) URL Shortening
C) Bookmarking
D) Caching
Answer: A) DNS Lookup/Resolution

Q64. Which of the following describes a 'Proxy Server'?

A) An intermediary server that relays requests between a client and other servers
B) A type of virus
C) A type of web browser only
D) A type of monitor
Answer: A) An intermediary server that relays requests between a client and other servers

Q65. Which of the following is the standard port number typically used for HTTP traffic?

A) Port 80
B) Port 443 is for HTTPS
C) Port 21 is for FTP
D) Port 25 is for SMTP
Answer: A) Port 80

Q66. Which of the following is the standard port number typically used for HTTPS traffic?

A) Port 443
B) Port 80 is for HTTP
C) Port 21 is for FTP
D) Port 25 is for SMTP
Answer: A) Port 443

Q67. Which of the following protocol is used for transferring files between computers over a network?

A) FTP (File Transfer Protocol)
B) HTTP is for web pages
C) SMTP is for email
D) DNS is for domain lookup
Answer: A) FTP (File Transfer Protocol)

Q68. Which of the following protocol is used for sending emails?

A) SMTP (Simple Mail Transfer Protocol)
B) HTTP is for web pages
C) FTP is for file transfer
D) DNS is for domain lookup
Answer: A) SMTP (Simple Mail Transfer Protocol)

Q69. Which of the following best describes 'Bluetooth' technology?

A) A short-range wireless technology for connecting devices like headphones and speakers
B) A type of wired LAN cable
C) A type of search engine
D) A type of web browser
Answer: A) A short-range wireless technology for connecting devices like headphones and speakers

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Q70. Which of the following is generally the range limitation of Bluetooth compared to Wi-Fi?

A) Bluetooth has a shorter range than typical Wi-Fi

B) Bluetooth has an unlimited range

C) Bluetooth and Wi-Fi have identical range always

D) Bluetooth only works with cables

Answer: A) Bluetooth has a shorter range than typical Wi-Fi

Q71. Which of the following best describes 'Hotspot' feature on a smartphone?

A) Sharing the phone's mobile data connection wirelessly with other devices

B) A type of virus protection

C) A type of email client

D) A type of web browser

Answer: A) Sharing the phone's mobile data connection wirelessly with other devices

Q72. Which of the following describes 'Bandwidth throttling' by an ISP?

A) Intentionally slowing down internet speed for certain types of traffic or after data limits

B) Increasing internet speed permanently

C) Providing free internet

D) Blocking all websites

Answer: A) Intentionally slowing down internet speed for certain types of traffic or after data limits

Q73. Which of the following is the correct term for a network confined to a single building or campus, larger than LAN but smaller than WAN?

A) MAN (Metropolitan Area Network)

B) LAN

C) WAN

D) PAN

Answer: A) MAN (Metropolitan Area Network)

Q74. Which of the following is the correct term for a very small network connecting personal devices like a phone and a smartwatch, typically via Bluetooth?

A) PAN (Personal Area Network)

B) LAN

C) WAN

D) MAN

Answer: A) PAN (Personal Area Network)

Q75. Which of the following network topology combines characteristics of two or more different topologies?

A) Hybrid Topology

B) Bus Topology

C) Star Topology

D) Ring Topology

Answer: A) Hybrid Topology

Q76. Which of the following network topology arranges devices in a hierarchical, branching structure resembling a tree?

A) Tree Topology

B) Bus Topology

C) Ring Topology

D) Mesh Topology

Answer: A) Tree Topology

Q77. Which of the following best describes 'Latency' in a network connection?

A) The delay/time taken for data to travel from source to destination

B) The total data transferred

C) The number of devices connected

D) The cost of the internet plan

Answer: A) The delay/time taken for data to travel from source to destination

Q78. Which of the following is generally considered a disadvantage of Bus Topology?

A) If the main cable fails, the entire network goes down

B) It is the most fault-tolerant topology

C) It requires the most cabling of all topologies

D) It cannot connect more than 2 devices

Answer: A) If the main cable fails, the entire network goes down

Q79. Which of the following is a key advantage of Star Topology over Bus Topology?

A) Failure of one device/cable doesn't affect the rest of the network

B) It requires no central hub

C) It uses less cabling than bus topology always

D) It cannot be expanded

Answer: A) Failure of one device/cable doesn't affect the rest of the network

Q80. Which of the following best describes a 'Static IP Address'?

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A) An IP address that remains fixed and does not change over time

B) An IP address that changes every time a device connects

C) An address only used for websites

D) An address used only for email

Answer: A) An IP address that remains fixed and does not change over time

Q81. Which of the following best describes a 'Dynamic IP Address'?

A) An IP address assigned automatically by a DHCP server and can change over time

B) An IP address that never changes

C) An address only used for websites

D) An address used only for printers

Answer: A) An IP address assigned automatically by a DHCP server and can change over time

Q82. Which of the following protocol/service automatically assigns IP addresses to devices on a network?

A) DHCP (Dynamic Host Configuration Protocol)

B) DNS resolves domain names

C) HTTP transfers web pages

D) FTP transfers files

Answer: A) DHCP (Dynamic Host Configuration Protocol)

Q83. Which of the following browser feature allows browsing without saving history, cookies, or form data?

A) Incognito/Private Browsing Mode

B) Bookmarks

C) Extensions

D) Downloads

Answer: A) Incognito/Private Browsing Mode

Q84. Which of the following describes a 'Browser Extension/Add-on'?

A) A small software module that adds specific features/functionality to a web browser

B) A type of virus

C) A type of hardware

D) A type of network cable

Answer: A) A small software module that adds specific features/functionality to a web browser

Q85. Which of the following is the correct term for the small program that renders and displays web pages within a browser?

A) Rendering Engine

B) Search Engine

C) Router

D) Modem

Answer: A) Rendering Engine

Q86. Which of the following best describes a 'Web Server'?

A) A computer/software that stores, processes and delivers web pages to clients over the internet

B) A type of web browser

C) A type of search engine

D) A type of antivirus

Answer: A) A computer/software that stores, processes and delivers web pages to clients over the internet

Q87. Which of the following is the correct term for a computer requesting resources/services from a server?

A) Client

B) Host only refers to the server in some contexts

C) Node generically refers to any device

D) Router forwards traffic

Answer: A) Client

Q88. Which of the following best describes 'Cloud Storage' accessed via the internet?

A) Storing data on remote servers accessible over the internet instead of locally

B) Storing data only on a local hard disk

C) Storing data only on a pen drive

D) Storing data only on a CD

Answer: A) Storing data on remote servers accessible over the internet instead of locally

Q89. Which of the following is an example of Cloud Storage service accessible via the internet?

A) Google Drive/OneDrive/Dropbox

B) Local Hard Disk

C) Pen Drive

D) CD-ROM

Answer: A) Google Drive/OneDrive/Dropbox

Q90. Which of the following term describes the practice of intentionally limiting or blocking access to certain websites/content by a government or organization?

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A) Internet Censorship/Filtering
B) Bookmarking
C) Caching
D) Browsing
Answer: A) Internet Censorship/Filtering

Q91. Which of the following best describes 'Net Neutrality'?

A) The principle that ISPs should treat all internet traffic equally without discrimination or preferential treatment
B) A type of virus
C) A type of browser
D) A type of search engine
Answer: A) The principle that ISPs should treat all internet traffic equally without discrimination or preferential treatment

Q92. Which of the following describes 'Cache' in the context of a web browser?

A) Temporarily stored web page data used to speed up future visits to the same site
B) Permanent storage of all websites visited
C) A type of virus
D) A type of extension
Answer: A) Temporarily stored web page data used to speed up future visits to the same site

Q93. Which of the following term describes an internet connection shared using satellite technology, useful in remote areas?

A) Satellite Internet
B) Fiber Broadband
C) LAN Cable
D) Bluetooth
Answer: A) Satellite Internet

Q94. Which of the following device is required at home to receive a Wi-Fi signal from an ISP's broadband connection?

A) Wireless Router
B) Only a modem is sometimes combined with router functions
C) Switch only
D) Hub only
Answer: A) Wireless Router

Q95. Which of the following best describes the term 'Web Portal'?

A) A specially designed website that serves as a gateway to various information/services (e.g., a government portal)
B) A type of virus
C) A type of hardware
D) A type of network cable
Answer: A) A specially designed website that serves as a gateway to various information/services (e.g., a government portal)

Q96. Which of the following describes 'Throughput' in networking?

A) The actual amount of data successfully transferred over a network in a given time
B) The physical length of a cable
C) The brand of a router
D) The number of users on a network
Answer: A) The actual amount of data successfully transferred over a network in a given time

Q97. Which of the following is the correct term for the unique 32-bit address format used in IPv4?

A) IPv4 Address (e.g., 192.168.1.1)
B) MAC Address
C) IMEI Number
D) URL
Answer: A) IPv4 Address (e.g., 192.168.1.1)

Q98. Which of the following is the newer IP addressing scheme designed to overcome IPv4 address exhaustion?

A) IPv6
B) IPv4
C) IPv2
D) IPv8
Answer: A) IPv6

Q99. Which of the following describes a 'VPN (Virtual Private Network)'?

A) A service that creates a secure, encrypted connection over a public network for privacy
B) A type of virus
C) A type of web browser
D) A type of search engine
Answer: A) A service that creates a secure, encrypted connection over a public network for privacy

Q100. Which of the following is a common benefit of using a VPN?

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A) Enhanced privacy and security while browsing, especially on public networks
B) Slower internet speed always with no benefit
C) Removing the need for an internet connection
D) Automatically infecting the device with malware
Answer: A) Enhanced privacy and security while browsing, especially on public networks

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