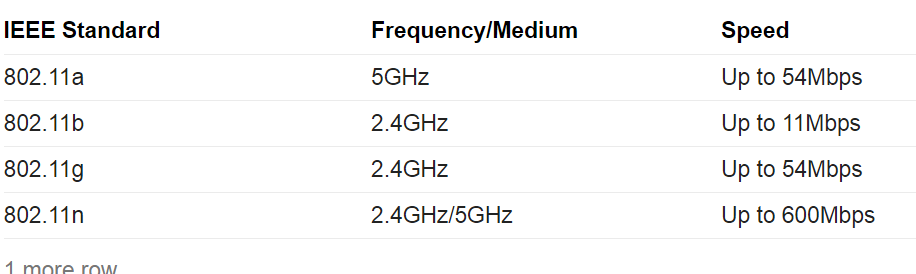
1. What are the two categories that are used to classify CPU architectures?
2. ATX
3. BTX
4. CISC
5. PnP
6. RISC
7. A new graphics card is installed in a computer. When the computer is powered on, the default drives are loaded but some of the applications do not work properly. What should the user do to improve the graphics card performance?
8. Check the Microsoft website to find the latest drivers
9. Check the website of the manufacturer for the latest drivers
10. Configure the application to run correctly with the new graphics card
11. Configure the graphics card settings correctly in the start menu
12. What safety precaution should be used when working with PC hardware?
13. Wear anti-static wrist straps
14. Wear safety glasses
15. Wear heavy duty gloves
16. Clear up any mess using an anti-static vacuum cleaner
17. Create appropriate air flow within the work area to extract dust
18. Which two system resources are commonly used for communication between the CPU or memory and other components in a computer system?
19. IRQ
20. DMA
21. UDP
22. USB
23. PnP
24. Which dotted decimal number usually provided together with the IP address is used to distinguish the network portion of an IP address from the host portion?
25. Subnet mask
26. Default gateway
27. MAC address
28. Physical address
29. Which two questions should be addressed by organizations developing a security policy?
30. What insurance is required?
31. How should the items be protected?
32. What is to be done in the case of a security breach?
33. What are the possible threats to the items?
34. When do the items need protection?
35. A workstation would most likely be connected to an office network using which of the following cable types?
36. eSATA
37. Bluetooth
38. SCSI
39. Ethernet
40. Which of the following RAM types is least likely to work optimally when installed in a dual channel mode?
41. SDRAM
42. RAMBUS
43. DDR2
44. DDR3
45. Which of the following wireless network standards operates at the shortest distance?
46. 802.11a
47. 802.11b
48. 802.11g
49. 802.11n
50. Which of the following two connection types is most commonly used to connect external hard drives to a PC?
51. SATA
52. PATA
53. IDE
54. eSATA
55. USB
56. Which of the following is installed when we are adding a new printer to our workstation?
57. RJ-11
58. Operating system disk
59. RG-58
60. Drivers
61. A motherboard contains four memory slots. Two of the slots are colored blue and two of the slots are colored black. Which of the following would be the correct way to populate memory in the slots for the best performance?
62. Slower memory in both blue slots and faster memory in the black slots
63. Memory that matches in speed and size in either blue slots and both black slots
64. Faster memory in both blue slots and slower memory in both black slots
65. Place memory in either both black slots or both blue slots but not at the same time
66. For best performance, a high end graphics card should be installed in which of the following slots?
67. PCIe x16
68. AGP 4x
69. PCI x2
70. PCI
71. Which of the following has the fastest of the internet speeds?
72. Cable
73. Dial-up
74. ISDN
75. WIMAX
76. Which of the following internet connection types would be most commonly used by a customer who travels frequently?
77. ISDN
78. Satellite
79. Cellular
80. Line of site wireless
81. A network consisting of numerous geographically dispersed networks that cover a large physical distance is referred to as a:
82. WLAN
83. LAN
84. WAN
85. MAN
86. An administrator wants to prevent people outside if the building from accessing a new wireless router. Which of the following is the least labor intensive method to use while setting up a new workstation?
87. Turn SSID broadcast off
88. Use wireless encryption
89. Institute MAC filtering
90. Setup static IP address
91. Primary system function like boot priorities, voltage parameters for the processor and SATA options are configured in which of the following areas of the PC system?
92. MBR
93. CMOS
94. VRAM
95. BIOS
96. Which of the following network topologies would most likely be used to provide redundancy at each network device t support data transmissions?
97. Mesh
98. Ring
99. PBX
100. Bus
101. Which of the following would provide continuous power to various devices connected to it during a power surge or outage?
102. Line connector
103. Power stipe
104. Battery backup
105. Surge suppressor
106. Which of the following properties of TCP/IP is used to differentiate the network and the host portions of an IP address?
107. DNS address
108. Default gateway
109. Subnet mask
110. DHCP lease
111. A helpdesk technician has been tasked to reinstall the OS on a desktop and has already inserted the OS install disk the CD-ROM. Which of the following would most likely be needed to configure within the BIOS to continue reinstall of the OS?
112. BIOS password
113. Flash BIOS for firmware upgrade
114. Boot sequence
115. Clock speeds
116. Which of the following allows for the farthest transmission distance for a data?
117. Bluetooth
118. Single-mode fiber
119. RG-6 cable
120. CAT6 cable
121. Which of the following are the most important considerations when configuring a PC that will be used for a CAD/ CAM workstation?
122. Gigabit NIC
123. HDMI output
124. Maximum RAM
125. Powerful Processor
126. High end audio output
127. Which of the following two represents a connector that supports the connection of external devices?
128. IEEE 1394
129. eSATA
130. EIDE
131. SATA
132. IDE
133. Which type of fire extinguisher technology should be used when encountering an electrical fire?
134. Class B fire extinguishers
135. Overhead sprinkler system
136. Water-based fire extinguishers
137. Non-water based extinguishers
138. Which of the following features of windows allows a device to have a default IP address if a DHCP server is not available?
139. APIPA
140. ARP
141. IPv6
142. DNS
143. A company is using employees to load up skids with CRTs and need to have them removed. Which of the following concerns is most appropriate regarding environmental safety concerns?
144. Proper lifting technique
145. Disposal regulations
146. Equipment grounding
147. Electromagnetic interference
148. Electrical fire safety
149. An internal SATA connector hard drive can share a data cable with how many other drives?
150. 0
151. 1
152. 2
153. 3
154. Which of the following two voltages should be supplied through the power connector to an IDE hard drive?
155. 3V
156. 5V
157. 5.5V
158. 9V
159. 12V
160. 20V
161. When diagnosing potential RAM issues, which of the following should be checked for proper configuration?
162. Bus speeds
163. Fan speeds
164. UAC configuration
165. CMOS battery voltage
166. Which of the following is another description of a default gateway?
167. The DNS server
168. The inverse subnet mask
169. The route of last resort
170. The subnet network address
171. While explaining a problem to a technician a customer misuses terminology that confuses the technician. Which of the following is an appropriate response for the technician?
172. Politely listen to the customer and then perform diagnostics
173. Explain that the terminology being used is unknown
174. Ask questions to help fully understand the issue
175. Ask another technician to help the customer
176. Which of the following network classes is identified by a subnet mask of 255.240.0.0?
177. Class A
178. Class B
179. Class C
180. Class D
181. Which of the following PC configurations would benefit most from additional processor core?
182. Virtualization workstation
183. File sharing server
184. Office productivity pc
185. Thin client
186. Which of the following devices would need to be installed on a computer to allow the user to make video conference call?
187. Webcam
188. Digitizer
189. LCD display
190. Microphone
191. A customer would like to be able to watch TV on their home computer and record television shows. Which of the following should be installed in their machine?
192. FireWire card
193. Tuner card
194. Wireless card
195. Serial card
196. An administrator creates a server to be used for translating a device IP address into a network name. Which of the following ports must be enabled for this server?
197. 21
198. 53
199. 80
200. 110
201. Which of the following is a type of fiber connector?
202. RJ-45
203. BNC
204. F-Connector
205. ST
206. A building has five rooms each with their own switch. All network packets from each room pass through room five’s switch prior to reaching any PC or the internet. Which of the following LAN topologies is being used at this company?
207. Mesh
208. Star
209. Bus
210. Hybrid
211. Which of the following ports is associated with HTTPS?
212. 53
213. 80
214. 443
215. 3389
216. Which of the following tools must be used to optimize space on a hard drive?
217. Defrag
218. Disk Management
219. Fdisk
220. Format
221. What is the largest hard disk drive that the FAT32 file system can support?
222. 2048KB
223. 2048MB
224. 2048GB
225. 2048TB
226. A technician has downloaded the latest windows updates from the Microsoft website. What should the technician do before installing the updates?
227. Manually update the last known good configuration.
228. Change the firewall rules to enable the installer to access port 8000 of the server
229. Reinstall the antivirus software
230. Create a restore point
231. What two facts are used to determine the different categories of UTP cabling?
232. The material the cable is made off
233. The number of twists in the wire inside the cable
234. The number of wires inside the cable
235. The distance a signal can travel through the cable
236. A user would like to buy a new computer and will eventually add several hard drives and possibly a second video card in SLI. Which of the following from factors should be recommended?
237. ITX
238. Micro-ATX
239. Mini-ITX
240. ATX
241. Which of the following protocols is used to capture various parameters from network devices in a secure manner?
242. SNMP
243. SSL
244. SSH
245. SMTP
246. Workers are required to access the company LAN when travelling. Which networking technology can provide secure and encrypted access to the LAN?
247. WAN
248. VPN
249. ISDN
250. ADSL
251. Why would a read-only attribute be applied to a file?
252. So it cannot be changed
253. So it can only be read by the command line
254. So it can only be read by the administrator
255. So the user knows it is a system file
256. Which of the following is a feature of both triple channel memory architecture?
257. Small pieces of data are interleaved to reduce latency
258. Data is processed asymmetrically from each RAM channel
259. Three TAM modules can be used in this architecture and have the best performance
260. They are flexible as RAM can be different manufacturers and sizes