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https://www.100test.com/kao_ti2020/203/2021_2022_Cisco_E8_AF_95_E9_A2_c101_203777.htm 1: your junior network administrator

wants to know what the default subnet mask is for a class c ip address. what do you tell him? a. 255.0.0.0]6l b. 255.255.0.0 c. 255.245.255.0

d. 255.255.255.0 e. 255.255.255.255 2: an application needs to have reliable, end-to-end connect-ivity. which of the following protocols will give you reliable connectivity? a. tcp b. udp c. ip d. icmp 3: you

are designing a network, which needs to support 55 users. you dont plan to extend the segment beyond the current number of users.

which subnet mask would best meet your needs? a. 255.255.0.0 b. 255.255.255.0 c. 255.255.255.192 d. 255.255.255.160 4: you have

added a new switch to your network. you want to manage it remotely, so you need to assign it an ip address. your router that

connects to the switch has an ip address of 172.16.12.33/27. which of the following addresses can you assign to this switch? a.

172.16.12.33/28 b. 172.16.12.32/27 c. 172.16.12.33/27 d. 172.16.12.34/27 e. 172.16.12.35/28 f. 172.16.12.38/28 g.

172.16.12.63/27 5: the address 172.16.208.16/20 is a host address in which of the following subnets? a. 172.16.176.0255.255.240.0 b.

172.16.192.0255.255.240.0 c. 172.16.208.0255.255.240.0 d. 172.16.224.0255.255.240.0 6: you are designing an ip address scheme

for your brand new remote office. the vice president of it calls to tell you that you will be in charge of the 192.168.1.64/26 subnetwork.

this supplies you with a single subnetwork with 62 hosts. you need to

have at least two subnets with 14 hosts in each subnet. what custom subnet mask should you use? a. 255.255.255.128 b. 255.255.255.192 c. 255.255.255.224 d. 255.255.255.240 e. 255.255.255.248

7: you have subnetted the 210.106.14.0 network with a /24 mask. your boss at acme, inc. wants to know how many usable subnetworks and usable host addresses per subnet this would provide. what should you tell her? a. one network with 254 hosts b. two networks with 128 hosts c. four networks with 64 hosts d. six networks with 30 hosts

8: identify three valid host addresses in any subnet of the 201.168.27.0 network, assuming a fixed subnet mask of 255.255.255.240. (choose three.) a. 201.168.27.33 b. 201.168.27.112 c. 201.168.27.119 d. 201.168.27.126 e. 201.168.27.175 f. 201.168.27.208

9: what is the subnetwork address for a host with the ip address 201.100.5.68/28? a. 201.100.5.0 b. 201.100.5.32 c. 201.100.5.64 d. 201.100.5.65 e. 201.100.5.31 f. 201.100.5.1

10: which of the following protocols uses a three-way handshake mechanism to establish sessions? a. tcp b. ip c. udp d. ipx e. frame relay

11: which of the following protocols is connection-oriented a. tcp b. ip c. ipx d. frame relay

12: you are using an application on your windows 2000 client machines that provides error correction. you need a protocol to provide fast transport. which protocol should your application use? a. tcp b. ip c. udp d. spx e. appletalk

13: when using tcp, after a session is open, the applications can adjust the number of segments they receive before sending an acknowledgment. this behavior is known as _____ . a. mtu adjustment b. windowing c. flexible send path d. fcs

14: if the destination did not receive a segment, how will

the tcp host know to resend the information? a. the ack received will not include the segment number that was not received. b. the ack received will include the segment number that was not received. c. the sending host will send a pack to verify segment receipt. d. the destination host will send a yack message back to the sending host.

15: you are planning on using a single network that supports 208 users. which ip address class would you choose to be the most efficient? a. class a b. class b c. class c d. class d e. class e 16: rfc 1918 defines the private ip address ranges. which of the following ip addresses are considered part of these ranges? (choose three.) a. 10.23.45.67 b. 126.21.34.56 c. 172.16.32.1 d. 172.31.234.55 e. 192.169.4.5

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