https://www.100test.com/kao_ti2020/556/2021_2022__E6_80_9D_ E7_A7_91_E8_AE_A4_E8_c101_556059.htm 1.A network administrator wants to control which user hosts can access the network based on their MAC address. What will prevent workstations with unauthorized MAC addresses from connecting to the network through a switch? A: BPDU B: port security C: RSTP D: STP E: VTP F: blocking mode Correct Answers: B 2.Which of the following statements are true regarding the command ip route 172.16.3.0 255.255.255.0 192.168.2.4? (Choose two.) A:The command is used to establish a static route. B:The default administrative distance is used. C:The command is used to configure the default route. D:The subnet mask for the source address is 255.255.255.0. E:The command is used to establish a stub network. Correct Answers: A, B 3.After the show ip route command has been entered, the following routes are displayed. Which route will not be entered into the routing table of a neighboring router? A: R 192.168.8.0/24 [120/1] via 192.168.2.2, 00.00.10, Serial0 B: R 192.168.11.0/24 [120/7] via 192.168.9.1, 00.00.03, Serial1 C: C 192.168.1.0/24 is directly connected, Ethernet0 D: R 192.168.5.0/24 [120/15] via 192.168.2.2, 00.00.10, Serial0 Correct Answers: D 4.How will Spanning Tree affect the operation of the network devices shown in the graphic? A: Spanning Tree will block client ports that suffer from excessive errors. B: Spanning Tree will learn client MAC addresses and assign them to switch ports. C: Spanning Tree will

allow these switches to load balance across the redundant links to increase network throughput. D: Spanning Tree will learn which of the redundant links should be blocked. E: Spanning Tree will automatically configure the switches with VLAN information. Correct Answers: D 5.Which statement is correct about the internetwork shown in the diagram? A: Switch 2 is the root bridge. B: Spanning Tree is not running. C: Host D and Server 1 are in the same network. D: No collisions can occur in traffic between Host B and Host C. E: If Fa0/0 is down on Router 1, Host A cannot access Server 1. F: If Fa0/1 is down on Switch 3, Host C cannot access Server 2. Correct Answers: E 6.The network administrator has configured NAT as shown in the graphic. Clients still cannot access the Internet. What should the network administrator do to resolve this problem? A: Configure an IP NAT address pool. B: Properly configure the ACL. C: Apply the ip nat command to the S0 interface. D: Configure the ip nat inside and ip nat outside commands on the interfaces. Correct Answers: D 7.Which of the following is true concerning Frame Relay multipoint subinterfaces? A: An IP address is required on the physical interface of the central router. B: All routers are required to be fully meshed. C: All routers must be in the same subnet to forward routing 0updates and broadcasts. D: Multipoint is the default configuration for Frame Relay subinterfaces. Correct Answers: C 8.Drag Drop question Drag and 0drop question. Drag the items to the proper locations. Correct Answers: 9.Which functions do routers perform when routing a packet? (Choose two.) A:packet switching B:destination host addressing C:path 0selection

D:VLAN membership assignment E:ARP request forwarding Correct Answers: A, C 10.Refer to the exhibit. The network administrator has correctly configured the interfaces on R1 and adds the following commands to configure the routing protocol on R1:router ripversion 2network 192.168.1.0network 10.0.0.0Assuming R2 and R3 are also using RIP as the routing protocol and are otherwise configured correctly, what will be displayed by the show ip route command issued on router R1?A: A B: B C: C D: D E: E Correct Answers: B 100Test