https://www.100test.com/kao_ti2020/142/2021_2022__E6_80_9D_ E7_A7_91CCNA_c101_142337.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: BPDUB: port securityC: RSTPD: STPE: VTPF: blocking modeCorrect 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, Serial0B: R 192.168.11.0/24 [120/7] via 192.168.9.1, 00.00.03, Serial1C: C 192.168.1.0/24 is directly connected, Ethernet0D: R 192.168.5.0/24 [120/15] via 192.168.2.2, 00.00.10, Serial0Correct 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 100Test