QUESTION NO: 1

When implementing source-based remote-triggered black hole filtering, which two configurations are required on the edge routers that are not the signaling router? (Choose two.)

A. A static route to a prefix that is not used in the network with a next hop set to the Null0 interface
B. A static route pointing to the IP address of the attacker
C. uRPF on all external facing interfaces at the edge routers
D. Redistribution into BGP of the static route that points to the IP address of the attacker
E. A route policy to set the redistributed static routes with the no-export BGP community

Answer: A,C

QUESTION NO: 2

Which two BGP mechanisms are used to prevent routing loops when using a design with redundant route reflectors? (Choose two.)

A. Cluster-list
B. AS-Path
C. Originator ID
D. Community
E. Origin

Answer: A,C

QUESTION NO: 3

Which two statements correctly describe the BGP ttl-security feature? (Choose two.)

A. This feature protects the BGP processes from CPU utilization-based attacks from EBGP neighbors which can be multiple hops away
B. This feature prevents IBGP sessions with non-directly connected IBGP neighbors
C. This feature will cause the EBGP updates from the router to be sent using a TTL of 1
D. This feature needs to be configured on each participating BGP router
E. This feature is used together with the ebgp-multihop command

Answer: A,D
QUESTION NO: 4

In Cisco IOS-XR, the maximum-prefix command, to control the number of prefixes that can be installed from a BGP neighbor, is configured under which configuration mode?

A. RP/0/RSP0/CPU0:P2(config-bgp)#
B. RP/0/RSP0/CPU0:P2(config-bgp-af)#
C. RP/0/RSP0/CPU0:P2(config-bgp-nbr)#
D. RP/0/RSP0/CPU0:P2(config-bgp-nbr-af)#

Answer: D

QUESTION NO: 5

In Cisco IOS-XR, the ttl-security command is configured under which configuration mode?

A. RP/0/RSP0/CPU0:P2(config)#
B. RP/0/RSP0/CPU0:P2(config-bgp)#
C. RP/0/RSP0/CPU0:P2(config-bgp-nbr)#
D. RP/0/RSP0/CPU0:P2(config-bgp-af)#
E. RP/0/RSP0/CPU0:P2(config-bgp-nbr-af)#

Answer: C