Question 1

Which BGP attributes are optional in a BGP Update packet? (Select 2 Answers)

Options:

A- Origin

B- Nexthop

C- Local-Preference

D- MED

Answer:

C, D

Question 2

How does the route Community attribute set by routing policies affect route selection?

Options:

A- The Community attribute directly affects route selection, because it must be compared in route selection.

B- The Community attribute does not affect route selection, because it is a non-transitive attribute and cannot be transmitted between routers.

C- The Community attribute indirectly affects route selection. Routes are classified by the Community attribute. Different route attributes such as the Local-Preference and MED can be set for routes in different communities, which affects route selection.

Answer:

C

Question 3

Question Type: **MultipleChoice**

Which type of BGP route will be added to the BGP routing table?

Options:

A- All BGP routes learned from peers

B- Only the routes learned from IBGP peers

C- Only the routes learned from EBGP peers

D- Only optimal routes

Answer:

A

Question 4

Question Type: MultipleChoice

If a router receives two BGP routes (M and N) that contain the following attributes,

Network	NextHop	MED	LocPrf	PrefVal	Path/Ogn
M 192.168.1.0	10.1.1.1	30	0	100	i
N 192.168.1.0	10.1.1.2	20	0	100	200i

Which route is the optimal route based on BGP route selection rules?

Options:

A- The optimal route is route M because its AS_Path is shorter than that of route N.

B- The optimal route is route N because its MED value is smaller than that of route M.

C- The optimal route is determined randomly.

Answer:

A

Question 5

Question Type: **MultipleChoice**

What is the Origin attribute of the BGP route that is imported by using the import-route command?

Options:

A- IGP

B- EGP

C- Incomplete

D- Unknown

Answer:

C

Question 6

Question Type: MultipleChoice

Based on BGP route selection rules, how are Origin attributes listed in descending order of priority?

Options:

A- EGP > IGP > Incomplete

B- IGP > Incomplete > EGP

C- Incomplete > EGP > IGP

D- IGP > EGP > Incomplete

Answer:

D

Question 7

Question Type: MultipleChoice

Which following BGP attribute can used to define a set of prefixes with the same characteristics?

Options:

A- Origin

B- Nexthop

C- Community

D- MED

Answer:

C

Question 8

The BGP Community attribute is a well-known mandatory attribute.

Options:

A- True

B- False

Answer:

B

Question 9

The Origin attribute of the BGP route that is imported by using the network command is IGP.

Options:

A- True

B- False

Answer:

A
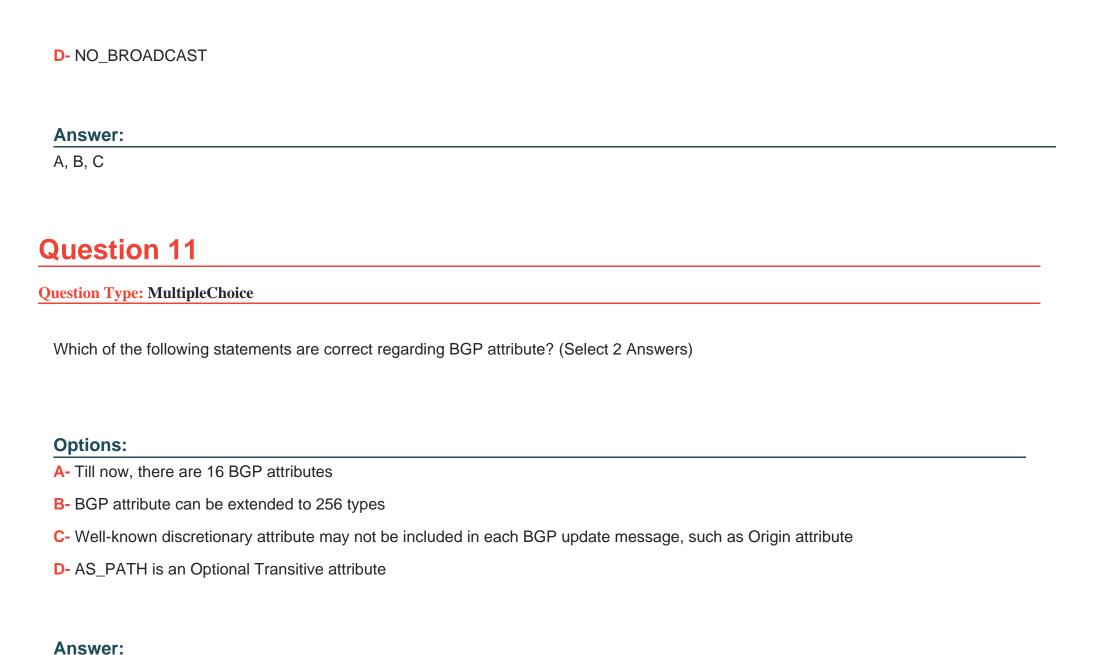
Question 10

Question Type: MultipleChoice

Which of the following statements belong to BGP COMMUNITY attribute ? (Select 3 Answers)

Options:

A- NO_EXPORT

B- NO_ADVIERTISE

C- LOCAL_EXPORT_SUBCONFED

D- NO_BROADCAST

Answer:

A, B, C

Question 11

Question Type: **MultipleChoice**

Which of the following statements are correct regarding BGP attribute? (Select 2 Answers)

Options:

A- Till now, there are 16 BGP attributes

B- BGP attribute can be extended to 256 types

C- Well-known discretionary attribute may not be included in each BGP update message, such as Origin attribute

D- AS_PATH is an Optional Transitive attribute

Answer:

A, B

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