



**Vendor:** H3C

**Exam Code:** GB0-283

**Exam Name:** Constructing Enterprise-level Routing  
Networks

**Version:** DEMO

**QUESTION 1**

The transport layer protocol and the port number used by BGP are ( ).

- A. UDP, 176
- B. UDP, 179
- C. TCP, 176
- D. TCP, 179

**Answer:** D

**QUESTION 2**

Which of the following are well-known Community attributes?

- A. NO\_EXPORT
- B. NO\_IMPORT
- C. NO\_ADVERTISE
- D. LOCAL\_AS

**Answer:** ACD

**QUESTION 3**

The minimal and maximal lengths of BGP message are ( ) respectively.

- A. 19 bytes, 4096 bytes
- B. 64 bytes, 4096 bytes
- C. 19 bytes, 1500 bytes
- D. 64 bytes, 1500 bytes

**Answer:** A

**QUESTION 4**

When the BGP state machine is in the Connect state, it will enter the ( ) if TCP connection is successfully established.

- A. Active state
- B. Open-sent state
- C. Open-confirm state
- D. Established state

**Answer:** B

**QUESTION 5**

In the BGP route flap damping control, the penalty value increases abruptly, but decreases continuously.

- A. True
- B. False

**Answer:** A

#### QUESTION 6

Which of the following descriptions about the BGP Update message is/are correct?

- A. An Update message can advertise one route with multiple path attributes.
- B. An Update message can advertise multiple routes with the same path attribute.
- C. An Update message can advertise a withdrawn route without the path attribute of the route.
- D. An Update message can advertise multiple withdrawn routes.

**Answer:** ABCD

#### QUESTION 7

The BGP state machine will stay in ( ) state if TCP connection fails during BGP peer relationship establishing.

- A. Idle
- B. Connect
- C. Active
- D. Open-sent
- E. Open-confirm
- F. Established

**Answer:** C

#### QUESTION 8

Which of the following descriptions about BGP route aggregation is/are correct?

- A. Route aggregation is to aggregate routes of all segments into one or more aggregation routes so as to reduce the size of routing table.
- B. If the keyword detail-suppressed is added to the BGP summary command, only the aggregation routes are advertised.
- C. BGP route aggregation takes effect on the route imported through the network command only.
- D. BGP route aggregation takes effect on the route imported through the import command only.

**Answer:** AB

#### QUESTION 9

During BGP route decision, the route originated by the local router is preferred in the case that the Local-preferences of the candidate routes are identical. The route originated by the local router refers to ( ).

- A. The route learned from an IGP on the same router
- B. The route imported through the network command
- C. The route imported through the import command
- D. The route learned from the IBGP peer

**Answer:** A

**QUESTION 10**

Which of the following descriptions about the difference between clients and non-clients in BGP reflection is/are correct? ( )

- A. Receiving route update information from a client, a route reflector will reflect the update information to other clients only.
- B. It must be full-mesh connection among non-clients and BGP reflectors.
- C. It is unnecessary to establish full-mesh connection between clients.
- D. Receiving route update information from a non-client, the route reflector will reflect the update information to other clients instead of other non-clients.

**Answer:** BCD

**QUESTION 11**

BGP can avoid routing loop because ( ).

- A. The AS-Path attribute of a route records all the passed ASs. If a BGP router find the local AS number in the AS-Path attribute of a received route, it will discard this route to avoid inter-AS routing loop.
- B. BGP is a link-state routing protocol so that it avoids routing loop by means of link-state algorithm.
- C. BGP uses split horizon and poison reverse to avoid routing loop.
- D. BGP will not forward the route learned from one IBGP peer to another within the AS.

**Answer:** AD

**QUESTION 12**

Which of the following technologies can effectively avoid TCP global synchronization by randomly discarding packets? ( )

- A. WFQ
- B. CBQ
- C. PQ
- D. WRED
- E. RED

**Answer:** DE

**QUESTION 13**

How many bits are used by DSCP to present the precedence of packets?

- A. 3
- B. 4
- C. 6
- D. 8

**Answer:** C

**QUESTION 14**

Which of the following technologies can provide strict priority guarantee for the delay-sensitive application (such as VoIP)?

- A. WFQ
- B. LLQ
- C. CQ
- D. PQ

**Answer:** BD

**QUESTION 15**

Which of the following QoS functions is/are realized on the H3C routers?

- A. Congestion management
- B. Packet classification
- C. Traffic shaping
- D. Congestion avoidance
- E. Traffic policing
- F. Traffic suppression
- G. Line rate limit

**Answer:** ABCDEG

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