**ACN- Quiz 1**

In Reverse Path Forwarding (RPF), router receives a packet and extracts the

1. Protocol Address
2. Source Address
3. IP Address
4. Standard Address

A network can receive a multicast packet from a particular source only through a

1. designated parent resolve
2. designated protocol router
3. designated parent rotator
4. designated parent router

In multicast communication, relationship is

1. one to one
2. one to many
3. many to one
4. one to all

The ......... protocol allows the administrator to assign a cost, called the metric, to each route.

* 1. OSPF
  2. RIP
  3. BGP

The Open Shortest Path First(OSPF) protocol is an intra domain routing protocol based on routing.

1. distance vector
2. link state
3. path vector
4. non distance vector

Routing Information Protocol (RIP) cannot have more than 15 hops if Infinity is defined as

1. 13
2. 14
3. 15
4. 16

Each node uses shortest path tree protocol to construct its

1. link
2. routing table
3. graph
4. network

Routing between autonomous systems is referred to as

1. Interdomain Routing
2. Interdomain Rotating
3. Interdomain Resolving
4. Interdomain Rating

In periodic update, a node sends its routing table normally after every

1. 10s
2. 20s
3. 30s
4. 40s

One well-known mandatory attribute of Border Gateway Protocol (BGP) is

1. RIP
2. ORIGIN
3. OSPF
4. ISP

DVMRP is a \_\_\_\_\_\_\_\_routing protocol, based on RIP.

* 1. source-based
  2. group-shared
  3. destination-based

4. None of the choices are correct

PIM-DM is used in a \_\_\_\_\_\_\_ multicast environment.

1.Dense

2. Sparse

3. Dense or Sparse

4. None of the choices are correct

|  |  |
| --- | --- |
|  | http://highered.mheducation.com/olcweb/styles/shared/spacer.gifPIM-SM is used in a \_\_\_\_\_\_\_multicast environment such as a WAN. |

1.Dense

2. Sparse

3. Dense or Sparse

4. None of the choices are correct