EE3315: Polling questions and answers for lecture on 08 Feb 2022

1. The use of hierarchy in routing tables can _____ the size of the routing tables.

    a. reduce *

    b. increase

    c. both a and b

    d. none of the above

2. _____ is a group of networks and routers under the authority of a single administration.

    a. An autonomous system *

    b. An area

    c. a and b

    d. none of the above

3. In Routing Information Protocol (RIP), each node periodically shares its routing table with _____ and whenever there is a change.

    a. every other node

    b. its immediate neighbors *

    c. one neighbor

    d. none of the above

4. In _____, we assume that there is one node (or more) in each autonomous system that acts on behalf of the entire autonomous system.

    a. distant vector routing (e.g. RIP)

    b. path vector routing (e.g. BGP) *

    c. link state routing (e.g. OSPF)

    d. none of the above