1. (1 point) Which of the following applies (apply) to the routing infrastructure?

    A. routers in different AS can run different intra-domain routing protocols

    B. gateway routers, whether from same AS or not, must run the same inter-domain protocol

    C. gateway routers perform intra-domain routing as well as inter-domain routing

    D. all of the above

2. Which of the following applies (apply) to BGP (border gateway protocol)

    A. the glue that stitches together the Internet

    B. one of the many inter-domain routing protocols

    C. also establishes routes within a domain

    D. all of the above

3. Which of the following applies (apply) to BGP policy

    A. with the policy based on `AS-PATH`, BGP is no longer a selfish protocol

    B. uses import policy to advertise path to other neighboring domains

    C. uses export policy to accept/decline routes from neighboring domains

    D. all of the above

4. A golden rule of BGP policy is that any traffic following across an ISP's backbone network must have either a source or a destination (or both) in a network that is a customer of that ISP.

    A. True   B. False

5. Which of the following step(s) in BGP route selection process make BGP unselfish?

    A. pick route with highest local preference

    B. pick route with shortest AS-PATH

    C. pick route with closest NEXT-HOP router

    D. all of the above