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1. (1 point) Let $d_x(y)$ be the cost of the least cost path from x to y , $c(x, y)$ the cost of link between x, y , which of the following formula describes Bellman-Ford equation?
 - A. $d_x(v) = \min_v \{c(x, v) + d_v(y)\}$
 - B. $d_x(y) = \min_x \{c(x, v) + d_v(y)\}$
 - C. $d_x(v) = \min_y \{c(x, v) + d_v(y)\}$
 - D. $d_x(y) = \min_v \{c(x, v) + d_v(y)\}$
 2. (1 point) The limitation(s) of DV algorithm include?
 - A. may have oscillations
 - B. count to infinity problem
 - C. error can propagate through the network
 - D. all of the above
 3. With LS algorithm, a router will never advertise incorrect path cost.
 - A. True
 - B. False
 4. When network link cost changes, routers running distance vector algorithm will inform their neighbors of the change. Among the “good” news — link cost reduces and the “bad” news — when link cost increases, which one “travels faster” — taking effect on all nodes?
 - A. good news
 - B. bad news
 5. What applies to both LS and DV algorithms?
 - A. decentralized
 - B. distributed
 - C. dynamic
 - D. all of the above