

Q64. Which of the following is an appropriate statement in regard to the transmission operation of nodes connected to a LAN in the CSMA/CD method?

- a) Each node checks whether the carrier is busy and can transmit only if the carrier is not busy. When collision is detected, transmission is tried again after a random time has elapsed.
- b) Each node is assigned a logical ranking, the transmission privilege is passed on down the nodes in order of this ranking, and only the node that has received this privilege can transmit.
- c) Only the node that has been assigned a time slot can transmit.
- d) The nodes are connected in a ring, a special frame for controlling transmission privileges is circulated, and only the node that has received this frame can transmit.