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**QUESTION**

In an Ethernet local area network, which one of the following statements is TRUE ? [GATE CS 2016]

- (A) A station stops to sense the channel once it starts transmitting a frame. ✖
- (B) The purpose of the jamming signal is to pad the frames that are smaller than the minimum frame size. ✖
- (C) A station continues to transmit the packet even after the collision is detected. ✖
- (D) The exponential backoff mechanism reduces the probability of collision on retransmissions. ✓