

7.1 [1 2]

$$[1 \ 2]$$

In an IEEE 802.11 DCF net, stations A & B are connected to an AP. Then:

- Knowing that:

- Answer:

3) Draw the time diagram with A & B. Incident x : 11/5/15 used. $t_f = 26$

The diagram illustrates the timeline of a CSMA/CD transmission between two stations, A and B. The vertical axis represents time, with $t=0$ marked at the start. Station A (top line) begins by checking for a free channel (Free? ✓), then transmits a Frame. It receives an ACK at $t=26$. Station B (bottom line) also checks for a free channel (Free? ✓), but finds it busy (Free? ✗) and enters a Deferral period. It then transmits a Frame and receives an ACK at $t=26$. The diagram shows the timeline of frames, deferrals, and acknowledgments.