CS 314 Operating Systems, Spring 2018
Quiz #1 on January 16, 2018 (Partial Solutions)

#1: What do “sufficient conditions” guarantee?

A sufficient condition guarantees that the aimed goal is guaranteed to be achieved if the sufficient condition is met.

#2: What do “necessary conditions” guarantee?

A necessary condition guarantees that the aimed goal is guaranteed never to be achieved if the necessary condition is not met.

#3: If a sufficient condition is not satisfied, what conclusion can we draw?

If a sufficient condition is not satisfied, we cannot conclude anything since the aimed goal may or may not be achieved.

#4: If a necessary condition is satisfied, what conclusion can we draw?

If a necessary condition is satisfied, we cannot conclude anything since the aimed goal may or may not be achieved.