QE for CS546 Wireless Mobile Internet (each 20 points)

1. WCETT = (1 - α) \* ∑ L i=1 ETTi + α \* max 1 ≤j ≤ k Tj where ETTi  is the expected transmission time of link i in a path of length L and Tj is the sum of the transmission times on a particular channel j.

The authors insisted that WCETT measures intraflow interference. Is it true? Why or why not?

1. Maintaining stable routes provided by AODV over WiFi in Wireless Mesh Networks or Mobile Ad Hoc Networks is very difficult. Why? Explain it with a real scenario.
2. What could be the future features of WiFi?
3. Can you describe the relationship between IoT and Robots?
4. Why the VoIP capacity per Access Point is around 10 % of its max data rate?