

Computer Networks (COL)

Assignment 1

Question 3

3a. It's not necessary within continents but necessarily between same country and different country. Yes, google and fb has different behaviours and follow different shortest paths algorithms.

3b. No there is no relation between latency and no. of hops.

3c. India, Canada are connected. South africa is not connected

3d No there is no relation between hops in cellular and other. Latency in cellular is more than others due to congestion in local network.

3e Yes. It is connected closely to some ISP's as compares to others.