

Question 3 *Introduction to Networking*

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(a) **TCP and UDP** The transmission control protocol (TCP) and user datagram protocol (UDP) are two of the primary protocols of the Internet protocol suite.

i. How do TCP and UDP relate to IP (Internet protocol)? Which of these protocols are encapsulated within (or layered atop) one another? Could all three be used simultaneously?

ii. What are the differences between TCP and UDP? Which is considered “best effort”? What does that mean?