



Computer Networks

CS3611

Final Review

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The slides are adapted from those provided by Prof. J.F Kurose and K.W. Ross.

Final Review Guidelines-Materials

- ❖ **Slides**
- ❖ **Homeworks**
- ❖ **Books**
- ❖ **Candidate Topics on our course website**

Sample Questions

(2 points) Please select all link types that are wireless. (_____)

- A. Terrestrial microwave.
- B. WiFi.
- C. Satellite.
- D. Optical fiber.

(2 points) Please select all features of circuit switching. (_____)

- A. End-end resources reserved for “call”.
- B. Resource piece idle if not used by owning “call”.
- C. Statistical multiplexing.
- D. Each end-end data stream divided into packets.

Sample Questions

3. **(4 points)** Suppose users share a 30 Mbps link. Also suppose each user requires 150 kbps when transmitting, but each user transmits only 10 percent of the time.↵
 - 1) **(2 points)** When circuit switching is used, how many users can be supported?↵
 - 2) **(2 points)** Suppose packet switching is used and that there are 400 users. What is the probability that, at any given time, 200 or more users are transmitting simultaneously?↵

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Very best of luck to your final exam!