

Wireless Local Area Networks, spring 2005. 1. test.
31.3.2005 8:00-12:00 at SL.

You can make FINAL EXAM, 1. TEST, 2. TEST, or BOTH 1. AND 2. TESTS. You can't retake 1. and 2. tests, so if you already have made 1. or 2. test, YOU CAN'T RETAKE IT NOW! You also can't make FINAL EXAM and (1. OR 2.) TEST AT THE SAME TIME. You have 4 hours for final exam, 2 hours for 1. test, and 2 hours for 2. test.

1. What are BSS and ESS? How do they differ from each other? Draw a picture of them. (6p)
2. What does Site Survey mean? What are the general areas that Site Survey should focus? Describe how Site Survey can be accomplished in large company. (7p)
3. How IEEE WLAN standards 802.11, 802.11a, 802.11b and 802.11g work and how do they differ from each other? Compare standards and write both good and bad things about each of them. (7p)
4. Why WLAN uses CSMA/CA protocol? How does it differ from Ethernet's CSMA/CD protocol? (7p)

You can use pencil, rubber and student-card.