

Exam 17.08.2013

521340S Communication Networks I (Tietoliikenneverkot I)

1. Discuss mobility management for mobile IP.
2. Discuss in detail Shortest Path Routing Algorithm and in particular
 - a) Dijkstra algorithm
 - b) Bellman Ford algorithm
 - c) Floyd-Marshall algorithm
 - d) Distance Vector Protocols
3. Discuss TCP for Mobile Ad Hoc Networks.
4. Discuss in detail the following issues in sensor networks
 - a) Data centric routing
 - b) Data aggregation
 - c) Flooding/gossiping
 - d) Data funneling
5. Describe the IEEE 802.11 Standard for WLANs.