Course: S-38.001
Exam book: Network Services Investment Guide (Mark Gaynor)
Date: 15.12.2003 at 16-19
Place: hall S4
Teacher: prof Heikki Hämmäinen

The results of this examination will appear as approved/not approved. Each question is worth max 6 points. Answers can be written in English, Finnish, or Swedish. Answers must be short and concise, max 4 pages per student!

1. Identify six standardized network-based services (by acronym) that favor distributed management architecture.

2. Briefly describe (as a binary decision tree) the hierarchical structure of management architecture for
     a) electronic mail
     b) voice services
     c) informational services

3. Briefly explain three techniques for estimating the market uncertainty.

4. Based on the real options theory, briefly explain how the value of service experimentation depends on the
     a) market uncertainty
     b) number of parallel service experiments
     c) number of sequential service generations
     d) learning process of decision makers

5. Briefly explain factors that encourage cooperation rather than competition between 802.11 and 3G.