

EXAM

TU-91.2005 Strategic Management of Technology and Innovation
January 3rd 2007, 13-16

Please, write your name, student number, course code and name, this date and your signature on each paper. Use clear handwriting. You can answer to questions in English, Finnish or Swedish. In order to pass the examination, you have to get at least 20 points (out of 40).

The exam consists of seven questions. Answer to 4 questions. Each question gives maximum 10 points.

Be creative – but in the limit of the course!

1. Answer briefly
 - a. Technology S-curve
 - b. Dominant design
 - c. Product champion
 - d. Sources of innovation
2. Why should companies innovate?
3. What is a national system of innovation? Compare the Japanese and American systems of innovation. (Lecture)
4. Identify ways with which companies may promote creativity and innovation within their boundaries (Lecture and / or Book).
5. Identify and describe different types of innovation processes.
6. Answer to the following questions
 - a. What are the advantages and disadvantages related to being a follower/ imitator?
 - b. What are the factors that affect new venture formation by a technical entrepreneur?
7. What are the major sources of funding for new, technology-based ventures?