



Environmental Management: Puu-127.4010 2 Cr. / Gary Watkins

Exam 01.06.2009

The exam questions are only in English but you may answer in English, Finnish or Swedish.

Answer FIVE (5) of the following 7 questions.

1. Explain (briefly) the meaning of the following terms and acronyms: (1p each. 5p total.)
 - a. FINAS
 - b. Type II Eco-labels
 - c. LCI
 - d. BAT
 - e. ISO 14 000 (N.B. not ISO 14 001)
2. What is an EMS? What does an EMS consist of? What benefits might an EMS bring to a company? What are the main objectives of and fundamental differences between ISO 14001 and EMAS? 5p.
3. Discuss the role of EMS auditing. What is the difference between certification and accreditation? 5p.
4. What are the main features/stages of an LCA assessment, as described in Katri Behm's LCA lecture? Criticise the framing of the exercise/question used in your KCL ECO practical exercise. 5p.
5. Discuss the IPPC Directive, the concept of BAT and the environmental permitting process. What types of activities are covered? Who are the permitting authorities? What do permits say or contain? 5p.
6. Briefly discuss the meaning and application of the main principles contained within current EU Environmental Policy. 5p.
7. Discuss the concepts of sustainability and sustainable development in relation to business. What role might EMS play in business sustainability? 5p.

END