



**Aalto University School of Chemical Technology**

Puu-0.3320 Environmental Responsibility and Management Systems in Industry 8 cr – Midterm exam - Prof. Ilkka Savolainen

**Exam 08.04.2013**

**Answer ALL FIVE (5) questions. All questions are worth 5p.**

Write a one-page essay on each of the topics given below without using books or copied material. You can write in English, Finnish or Swedish.

1. What are the main emission types and main emission sources contributing to acidification?
2. Discuss time scales and dynamics of climate change mitigation.
3. Explain concept of the Kaya identity concerning the development of greenhouse gas emissions.
4. Discuss the capture and storage of carbon dioxide.
5. Which emissions contribute to stratospheric ozone depletion?

**END**