

**Exercises for seminar week III, September 28 - October 1, ECON3215/4215, fall 2010**

**A**

Cowell problem 4.2 (page 96)

**B**

Which of the following utility functions represent the same preferences:

$$u^1(x_1, x_2) = \alpha x_1 + x_2$$

$$u^2(x_1, x_2) = x_1^\alpha x_2$$

$$u^3(x_1, x_2) = \alpha \log x_1 + \log x_2$$

**C**

Cowell problem 4.6 (page 96 - 97)

**D**

Cowell problem 4.7 (page 97)