

BIO-5006 SUSTAINABLE DEVELOPMENT
Examination May 26, 2010

Question 1

Define briefly an idea and aspects of the concept of Sustainable Development. What are biggest challenges for humankind in a process towards sustainability?

Question 2

Define briefly the following expressions:

- a) Carrying capacity
- b) IPAT equation
- c) Dematerialization
- d) Ecological footprint

Question 3

Give the main approaches and aspects which should be considered in discharging industrial wastewaters into the public sewer network?

Question 4

Write a short essay by selecting one of the following topics:

- a) Climate change – is it a real threat?
- b) Water as a basic human right
- c) Can we have energy enough for all world people?

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