Examination paper for (course code) (course title)

RFEL3082 - Sustainable Management of Ecosystem Services

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Question 1

The Ecosystem Services (ES) framework has been established as a conceptual framework and used in several assessment processes such as Millennium Ecosystem Assessment (MEA) and assessments initiated by IPBES (Intergovernmental Platform on Biodiversity and Ecosystem Services).

a) What were the main arguments for establishing the ES framework?
b) What is the main critique against the ES framework?
Please give your arguments in bullet points.

Question 2

The mission of IPBES is to strengthen the science-policy interface for biodiversity and ecosystem services for the conservation and sustainable use of biodiversity, long-term human well-being and sustainable development. What is meant by “strengthen the science-policy interface”, and how can this be achieved? Give examples on initiatives that may facilitate science-policy interface for biodiversity and ecosystem services in general as well as for a specific sector (e.g. agriculture, aquaculture, mining, bioenergy, forestry).

Question 3

“We are currently not managing biodiversity and ecosystem services in a sustainable way”. Evaluate this statement by presenting available knowledge on status and trends for biodiversity and ES in general (global level), and for a selected habitat (any nature type could be used as an example).