

DIGITAL SCHOOL EXAMINATION
SGO3200 – Environment and innovation
May 9th 2018
(6 hours)

No exam support material is permitted with the exception of controlled dictionaries done by SV-Info.

Results will be posted on the Studentweb on May 31st, and will be available to the candidate from approximately 3.00 p.m.

The results are considered official on publication in Studentweb and students are responsible for checking their result at this time. If you want an explanation for grade, you must apply within one week after the result is published. If you want to complain on the grade, the complaint must be lodged within three weeks after the grades are published in Studentweb.

The exam consists of five questions, where you are to answer three out of the five questions.

The students are to answer three out of the five questions:

1. A set of planetary boundaries that must not be transgressed to avoid unacceptable environmental change from human action has been identified. Describe three of these boundaries and how innovations can influence them.
2. It is acknowledged that both socially-motivated innovations and business-motivated innovations can contribute to sustainable development. What are the major similarities and differences between these two types of innovations? Provide examples to illustrate your points.
3. Food production and consumption is basic to human survival, and at the same time a major source of climate change and other environmental problems. Describe two environmental challenges connected to food production and/or consumption and discuss innovations that could reduce these problems.
4. The Multi-Level-Perspective makes a distinction between niches and regimes. Describe this distinction and discuss different ways niche developments can influence regimes. Use examples.
5. Within social innovation theory, Mulgan et al. (2007) contemplate the interrelated barriers to change, examining these in terms of how certain innovative ideas fail to actually scale. They go on to consider how, in certain circumstances, each of the barriers to change switches and instead becomes a driver or a support for the social innovation to take root in society. Describe these barriers/drivers, using examples.