

Sustainable Supply Chain Management

Written test

Total allowed time – 1.45 hours

In answering:

follow the order of the questions

leave two pages for each question and do not go over that length

Don't forget to write down here and in your paper:

Your name and enrolment number: _____

Questions on Section I: Fundamentals of sustainable supply chains

Based on the slides and the reference textbook [Sarkis J. and Dou Y., Green Supply Chain, Routledge, 2018] looking at:

- *Overview on sustainable supply chains, including an eco-design perspective (Chapters 1 and 2)*
- *Green procurement and supplier collaboration (Chapters 3 and 4)*
- *Green and reverse logistics (Chapters 5 and 6)*
- *Global and multitier relationships (Chapter 7 and 8)*

- 1) Define the relevance of design – in particular of eco-design – for the green supply chain.
- 2) Define the relevance of green procurement and describe the different steps for establishing a related performance measurement system.

Questions on Section II: Approaches towards building sustainable supply chains

Based on the slides and the reference materials as to:

- *United Nations Global Compact*
- *ISO 20400 Standard for sustainable procurement*
- *SA8000 standard for a responsible Supply Chain Management*
- *Sustainable Supply Chain Operation References Model – S SCOR*

- 3) Describe briefly the UNGC Management Model and its goals
- 4) Describe the relevance of human rights in the global supply-chains and analyze how SA8000 can support human rights management.