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Course code: ORG-440
Course name: Supply Chain Management

Date: December 13, 2019
Duration: 4 hours

The number of pages incl.
frontpage: 2

Resources allowed: Dictionaries (to/from/English/Norwegian) or
to/from/English and the students' native language.

Notes: The Exam consists of sections A and B. The question in
section A must be answered. In section B, choose to
answer TWO of the THREE questions.
Only answers in English are acceptable.

SECTION A: (mandatory)

1. Explain the difference between the supply chain of the manufacturing sector and supply chain of a service industry? Do you think these two supply chains are mutually exclusive? (40%)

SECTION B: (choose to answer TWO of the THREE following questions)

2. Imagine that you are working as a supply chain manager for an international aid organization, and during a meeting, you hear about the blockchain technology from peers in other organizations. Your task is to make your recommendation: select a process in a humanitarian supply chain (except cash distribution) and describe how blockchains can be used to improve it? Explain your idea, assumptions, and potential requirements while assuming a fictitious context or case. (30%)
3. Imagine you are the supply chain manager in a production facility. The top management has asked you to identify the possible wastes within the facility. Based



on the *Seven Waste Categories*, what are the potential wastes in this facility? Do all the wastes you identify fit well within the waste categories? (30%)

4. Explain how the Kraljic matrix helps purchasing professionals to design different supplier strategies; and discuss its major short-comings. (30%)