

UNIVERSITY OF BOLTON

INSTITUTE OF MANAGEMENT

**MSC LOGISTICS AND SUPPLY CHAIN
MANAGEMENT**

SEMESTER 1 EXAMINATION 2019/2020

SUSTAINABILITY IN BUSINESS OPERATIONS

MODULE NO. SCM7007

Date: Thursday 16 January 2020

Time: 2.00 – 5.00

INSTRUCTIONS TO CANDIDATES:

There are six (6) questions on this paper.

Answer four (4) questions.

All questions carry equal marks.

Institute of Management
MSc Logistics and Supply Chain Management
Semester 1 Examination 2019/2020
Sustainability in Business Operations
Module No. SCM7007

Question 1:

Critically evaluate how the concept of sustainable supply chain can be adopted by an organisation of your choice to reduce its cost of operations whilst enhancing innovation.

(Total 25 Marks)

Question 2:

The Triple Bottom Line (TBL) accounting expands the traditional reporting framework to take into account social and environmental performance in addition to financial performance. Although this concept appears to be useful for managing the performance of a sustainable supply chain, it has limitations.

Critically evaluate the possible limitations. Support your answer with appropriate examples.

(Total 25 Marks)

Question 3:

Sustainable business model archetypes are introduced to categorise and explain business model innovations for sustainability, provide mechanisms to assist the innovation process for embedding sustainability in business models, and provide exemplars for businesses to de-risk the sustainable business model innovation process. One of the archetypes is "Substitute with renewables and natural processes".

Using an organisation of your choice, critically evaluate this particular sustainable business model archetype. In your answer, pay attention to the concepts of "value proposition", "value creation and delivery", and "value capture".

(Total 25 Marks)

Please turn the page

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Question 4:

Prevention, recovery and recycling are three main concepts an organisation could adopt in capitalising waste in retailing.

Compare and contrast “prevention” and “recovery” and critically assess how these concepts can be adopted by an organisation of your choice to achieve sustainable supply chains in retailing.

(Total 25 Marks)

Question 5:

Using an organisation of your choice as a context of discussion, critically assess five strategic use of reverse logistics.

(Total 25 Marks)

Question 6:

Critically analyse the possible drivers to implementing green supply chain management (GSCM). Include in your answer, the evaluation of both internal and external aspects of those drivers. Support your answer with appropriate examples.

(Total 25 Marks)

END OF QUESTIONS