

UNIVERSITY OF BOLTON

OFF CAMPUS DIVISION

INSTITUTE OF DEVELOPMENT MANAGEMENT

SEMESTER 1 EXAMINATION 2022/2023

**MSC LOGISTICS AND SUPPLY CHAIN
MANAGEMENT**

SUSTAINABILITY IN BUSINESS OPERATIONS

MODULE NUMBER: SCM7007

Date: Saturday 21st January, 2023.

Time: 14:00- 17:00 Hours

INSTRUCTIONS TO CANDIDATES:

There are Six (6) questions on this paper.

Answer Four (4) questions.

All questions carry equal marks.

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MSc Logistics and Supply Chain Management
Semester 1 Examination 2022/2023
Sustainability in Business Operations
Module No. SCM7007

1. The Triple Bottom Line (TBL) 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 business operations, it also has limitations. Critically evaluate both the possible benefits and limitations. Support your answer with appropriate examples.

(Total 25 Marks)

2. The current debate by business firms in Botswana on the need to embed sustainability into organisation's leadership and culture. For each, critically discuss Five (5) practices which an organisation of your choice can perform to embed sustainability into its culture and leadership.

(Total 25 Marks)

3. Using the organisation of your choice, critically evaluate the Five (5) innovative tools which could be used for monitoring sustainable performance in supply chains.

(Total 25 Marks)

4. Reverse Logistics is one of the concepts an organisation can use to improve its economic sustainability. Discuss this concept and using examples; critically evaluate how a manufacturing organisation can use this concept to benefit its economic performance.

(Total 25 Marks)

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5. Critically analyse Five (5) possible drivers to implementing green supply chain management. Include in your answer, the evaluation of both internal and external constraints of those drivers. Support your answer with appropriate examples.

(Total 25 Marks)

6. The development of robust mechanisms for supply chain performance measurement systems have been identified as a critical milestone for the transition towards national sustainable supply chain systems. The performance management system should encompass all the three pillars of sustainability.

Critically assess five (5) economic sustainability performance metrics and five (5) social sustainability performance metrics you would incorporate in a robust sustainable supply chain performance measurement system. Discuss a performance measurement system using appropriate examples.

(Total 25 Marks)

END OF QUESTIONS