

UNIVERSITY OF BOLTON
OFF CAMPUS DIVISION
INSTITUTE OF DEVELOPMENT MANAGEMENT
MSC LOGISTICS AND SUPPLY CHAIN
MANAGEMENT
SEMESTER 1 EXAMINATION 2024/25
SUSTAINABILITY IN BUSINESS OPERATIONS
MODULE NO: SCM7107

Date: Saturday 18th January, 2024.

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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Sustainability in Business Operations
Module No. SCM 7107

1. 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) attributes of a sound sustainable supply chain performance measurement system. Support your answer with appropriate examples.

(Total 25 Marks)

2. 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.

Discuss the concept of Triple Bottom Line and critically evaluate both the possible benefits and limitations.

(Total 25 Marks)

3. Recently, there has been a debate by business entities in Botswana on the need to embed sustainability in their procurement strategies and practices; in support of Government's efforts to create sustainable business operations.

Critically discuss ten (10) ways on how an organisation of your choice can embed sustainability into its procurement practices and further discuss two (2) techniques for encouraging supplier innovation.

(Total 25 Marks)

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4. Using the organisation of your choice, critically evaluate the Five (5) emerging global trends in sustainability.

(Total 25 Marks)

5. Discuss and critically evaluate the application of the following sustainability models by a manufacturing organisation of your choice:

- a) Circular Economy Model
- b) Life Cycle Assessment Model
- c) Sustainable Balanced Scorecard
- d) Design For Disassembly

6. Critically analyse Ten (10) possible hurdles to implementing green supply chain management. Include in your answer, the evaluation of both Five (5) internal and Five (5) external constraints of those drivers. Support your answer with appropriate examples.

(Total 25 Marks)

END OF QUESTIONS