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University Examinations 2023/2024

SECOND YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR
OF PROCUREMENT AND LOGISTICS MANAGEMENT

BBS 3226: SUPPLY VULNERABILITY AND RISK MANAGEMENT

DATE: APRIL 2024

TIME: 2 HOURS

INSTRUCTIONS: Answer question *one* and any other *two* questions

QUESTION ONE (30 MARKS)

- a) Explain the ripple effect of supply chain disruptions in business environment
(6 marks)
- b) Elucidate the ideal strategic plans applicable in supply chain to solve supply chain susceptibility
(6 marks)
- c) Explain the ways in which an organization can minimize supply chain vulnerability
(6 marks)
- d) Explain the key performance indicators (KPIs) used to measure the effectiveness of supply chain risk management efforts
(6 marks)
- e) Explain the ways in which firms can build resilience into their supply chains to better withstand disruptions
(6 marks)

QUESTION TWO (20 MARKS)

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- a) Explain the factors that precipitate supply chain disruptions in the wide market (10 marks)
- b) Analyse a risk management process in a manufacturing plant (10 marks)

QUESTION THREE (20 MARKS)

- a) Explain the relevance of a risk policy in an organizational set up (10 marks)
- b) Discuss the key principles of insurance in business environment (10 marks)

QUESTION FOUR (20 MARKS)

- a) Briefly discuss the adverse consequences of bullwhip effect in supply chain and the possible solutions to the aforementioned phenomenon (10 marks)
- b) Explain the role performed by the risk officer in an organization (10 marks)

QUESTION FIVE (20 MARKS)

Write short notes on the following terms that are conspicuous in supply vulnerability and risk management

- i) Lean supply (4 marks)
- ii) Supply base optimization (4 marks)
- iii) Strategic alliances (4 marks)
- iv) Risk aversion (4 marks)
- v) Hedging (4 marks)