

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**FIRST YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF PROCUREMENT AND LOGISTICS MANAGEMENT**

BPLM 114: INTRODUCTION TO SUPPLY CHAIN MANAGEMENT

STREAMS: BPLM

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 24/3/2021

11.30 AM – 1.30 PM

INSTRUCTIONS:

- Answer Question ONE and any other TWO questions.
- Mobile phones and any written material are prohibited in the examination room.
- No writing should be done on this question paper. Any rough work should be done at the back of the answer booklet and cancelled.

QUESTION ONE (COMPULSORY)

- (a) A supply chain is “ a network of organizations to deliver a customer order” Justify this statement by highlighting at least three types of supply chains using an illustration in each case. [6 Marks]
- (b) Distinguish between the terms “ value chain” and “Supply chain” [2 Marks]
- (c) Explain any FOUR roles of Information and Communication Technology in enabling Supply chain performance. [8 Marks]
- (d) State any two objectives of supply chain management. [2 Marks]
- (e) Explain the role of any TWO supply chain partners on the downstream face of the supply chain. [4 Marks]
- (f) Discuss any FOUR processes within the supply chain stating the main activities and tools used in each process. [8 Marks]

QUESTION TWO

- (a) Supply Chain Management has four main cycles. The Customer order cycle, The Procurement Cycle, The Manufacturing cycle and the replenishment cycle. Using any suitable illustration, explain how these cycles interrelate. [8 Marks]
- (b) Highlight any three enablers of Supply chain management. [3 Marks]
- (c) Explain the role of Information and Communication Technology (ICT) in the success of Supply Chain Management. [9 Marks]

QUESTION THREE

- (a) Explain any THREE key performance indicators that should be measured within the supply chain. [6 Marks]
- (b) Describe purchasing as a process using an illustration / diagram. [8 Marks]
- (c) Distinguish between the terms: Product-centered purchasing, process-centred purchasing and relational purchasing. [6 Marks]

QUESTION FOUR

- (a) Explain any FOUR types of buying situations. [8 Marks]
- (b) Centralized supply chain structures, decentralized supply chain structures, supply network structures and lean supply chain structures all serve a different purpose in an organization. “Some organizations in the manufacturing or service sector opt to implement one or more of these structures as part of their supply chain.” [8 Marks]
- (c) Define the term Collaborative Planning, Forecasting and Replenishment (CPFR) as used in Supply chain Management. State the reason why such a practice is necessary. [4 Marks]

QUESTION FIVE

- (a) Explain the concept of reverse logistics. [3 Marks]
- (b) Explain why Reverse logistics becomes necessary in the supply chain. [8 Marks]
- (c) Highlight any FIVE emerging issues in Supply Chain Management. [5 Marks]
- (d) Briefly explain any FOUR types of Risks in Supply Chain Management. [4 Marks]

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