



MURANG'A UNIVERSITY OF TECHNOLOGY

SCHOOL OF BUSINESS AND ECONOMICS

DEPARTMENT OF COMMERCE

UNIVERSITY POST GRADUATE EXAMS

2022/2023 ACADEMIC YEAR

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR DOCTOR OF
PHILOSOPHY IN SUPPLY CHAIN MANAGEMENT**

BCP 719 – SUPPLY CHAIN MANAGEMENT THEORY

DURATION: 3 HOURS

Instructions to candidates:

1. Answer any four questions.
2. Mobile phones are not allowed in the examination room.
3. You are not allowed to write on this examination question paper.

QUESTION ONE (25 MARKS)

- a. Explain the lean paradigm in relation to supply chain management. (5 marks)
- b. Describe the systems theory in supply chain management (20 marks)

QUESTION TWO (25 MARKS)

‘Supply chain management involves managing inter-organizational relationships and industrial network’ with the help of network theory discuss the statement.

QUESTION THREE (25 MARKS)

‘Game theory is critical in understanding organizational performance in any supply chain’. Discuss this statement.

QUESTION FOUR (25 MARKS)

- a. Transaction cost theory is a key ingredient to understanding buyer – supplier relationship. Discuss. (20 marks)
- b. Elaborate the indirect contribution of purchasing function. (5 marks)

QUESTION FIVE (25 MARKS)

- a. Discuss the future challenges of supply chain management. (15 marks)
- b. Explain what general inventory theory is meant to achieve with reference to the square root law. (10 marks)