PAN AFRICA CHRISTIAN UNIVERSITY

SCHOOL OF LEADERSHIP, BUSINESS & TECHNOLOGY

END OF SEMESTER EXAMINATION FOR THE DEGREE OF

BACHELOR OF COMMERCE

JANUARY-APRIL 2019 SEMESTER

CAMPUS: ROYSAMBU

DEPARTMENT: BUSINESS STUDIES

COURSE CODE: CPS302

COURSE TITLE: LOGISTICS & SUPPLY CHAIN MANAGEMENT

EXAM DATE: MONDAY 15th APRIL 2019

DURATION: 3 HOURS

TIME: 5:30PM-8:30PM

INSTRUCTIONS

- Read the instructions and questions carefully before you write the answers.
- Write your **STUDENT NUMBER** in the Answer Booklet given
- *Write clearly and legibly.*
- Answer **Question ONE** and any other **FOUR** questions
- *ALL PAC University's examination rules and regulations apply*

QUESTION ONE: COMPULSORY

a) Outline the THREE time horizons that are involved when planning and controlling a supply chain within a focal firm (3mks)
b) List THREE drivers behind the need to create an agile supply chain (3mks)
c) Briefly explain FOUR major challenges that face international logistics (4mks)
d) Differentiate between the P and D times (4mks)
e) Logistics is the task of managing TWO flows. Discuss (4 mks)
f) Describe the hard and soft objectives of creating a logistics advantage (5mks)
g) Market segmentation has a great implication on a logistic strategy. List the FIVE bases through which a market can be segmented (5mks)
h) Using a diagram, explain the components of a supply chain network (6mks)
i) Explain THREE ways in which logistics cost can be represented (6mks)

QUESTION TWO

a) Briefly explain THREE preconditions for a successful agile practice (6 mks)
b) Discuss THREE dimensions of an agile supply chain (9 mks)

QUESTION THREE

a) Briefly explain FIVE benefits of integration in a supply chain (5mks)
b) Explain FIVE variables that are used to measure integration (10 mks)

QUESTION FOUR

a) Briefly explain the Japanese Keiretsu relationship structure of 1998 (5mks)
b) Discuss the FIVE types of supply relationship that a company can adopt (10mks)

QUESTION FIVE

a) Tesco Company faces an annual demand of 2,000 units. It costs the company $1,000 for every order placed and $250 per unit of the product. It faces a carrying cost of 10% of a unit cost. Calculate the economic order quantity (5mks)
b) Discuss the FIVE principles of lean thinking (10mks)

QUESTION SIX

a) Distinguish between the push and pull system of scheduling (4mks)
b) Briefly explain the Just-in-Time logistic process (5mks)
c) Using an example, briefly explain how a company can incorporate corporate social responsibility in their supply chain result (6mks)