



UNIVERSITY OF EMBU

2017/2018 ACADEMIC YEAR

SECOND SEMESTER EXAMINATIONS

FIRST YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF COMMERCE

DPS 202: FUNDAMENTALS OF SUPPLY CHAIN MANAGEMENT

DATE: APRIL 9, 2018

TIME: 11:00 AM – 1:00 PM

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions.

QUESTION ONE (30 MARKS)

- a) Supply chain management is a network of several chain members. Citing an example of an organization of your choice, identify and discuss FOUR supply chain members. (5 marks)
- b) Describe the key factors that influence supply design considerations. (5 marks)
- c) Explain the benefits of implementing an integrated and automated order processing system in an organization (5 marks)
- d) Explain the FIVE purposes served by inventory in an organization. (5 marks)
- e) Briefly discuss the economic and service characteristics of THREE modes of transport (5 marks)
- f)
- i) Distinguish between warehousing and storage in supply chain management (2 marks)
- ii) Briefly describe THREE warehousing tasks (3 marks)

QUESTION TWO (20 MARKS)

a) By use of an example, explain why procurement is of major importance in any organization. (10 marks)

b) Explain the relevance of storage function in a service organization (10 marks)

QUESTION THREE (20 MARKS)

a) Discuss THREE major advantages of automated versus non-automated material handling systems (12 marks)

b) Explain how an organization can eliminate the 'bullwhip effect' effect in supply chains (8 marks)

QUESTION FOUR (20 MARKS)

a) Describe the differences and similarities between internal supply chains and external supply chains of a typical manufacturing organization (10 marks)

b) A leading supermarket in Kenya is facing acute financial challenges following poor relationship with key chain members. Explain the concept of supplier tiering as used in supply chain management. (10 marks)

QUESTION FIVE (20 MARKS)

a) Warehouses and stockyards are two types of storage facilities which consider surface. Describe the issues to consider in facility location (10 marks)

b) Explain the benefits of Just-in-Time technique in supply chain management. (10 marks)

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