



UNIVERSITY OF EMBU

2017/2018 ACADEMIC YEAR

SECOND SEMESTER EXAMINATIONS

**FIRST YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF
PURCHASING AND SUPPLIES MANAGEMENT**

BPS 109: SUPPLY CHAIN MANAGEMENT INFORMATION SYSTEMS

DATE: APRIL 4, 2018

TIME: 11:00 AM – 1:00 PM

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions.

QUESTION ONE (30 MARKS)

- a) Explain your understanding of the term information system. (2 marks)
- b) Giving examples discuss at least four components of an information system. (8 marks)
- c) Using a diagram explain the interaction between all components of a supply chain information system. (10 marks)
- d) Briefly describe five types of systems used in levels of management. (10 marks)

QUESTION TWO (20 MARKS)

- a) Discuss five problems associated with Information Systems. (10 marks)
- b) Explain at least five strategic business objectives addressed by supply chain management information systems. (10 marks)

QUESTION THREE (20 MARKS)

- a) Using a diagram explain the phases you would go through when developing an Information System. (10 marks)

- b) Explore both the social and ethical issues that are associated with the implementation of a new supply chain management information system in a Business Organization.

(10 marks)

QUESTION FOUR (20 MARKS)

- a) There has been a revolution of introducing online computer systems into Office Environment. Discuss measures that can be applied to overcome problem associated with new system implementation. (10 marks)
- a) Show your understanding of the phrase changeover and explain the four suitable methods of implementing newly developed software solutions. (10 marks)

QUESTION FIVE (20 MARKS)

Your organization, a retail company specializing in consumer electronics, wishes to replace the existing management information system (MIS) it uses for online sales reporting. The aim is to provide users with a seamless service over a variety of web clients and platforms.

- a) Describe the design phase and discuss three design considerations which will be critical to the success of this ambition. (10 marks)
- b) Describe the network topologies on which a SCM system can be deployed. (10 marks)

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