



CERTIFIED PROCUREMENT AND SUPPLY PROFESSIONAL (CPSP)

PART I

SUPPLY CHAIN MANAGEMENT INFORMATION SYSTEMS



MONDAY: 27 November 2017.

Time Allowed: 3 hours.

Answer ALL questions. Marks allocated to each question are shown at the end of the question.

SECTION A

QUESTION ONE

- (a) Describe the term “expediting by exception” as a tool in e-purchase-to-pay (E-P2P) cycle. (5 marks)
- (b) Explain the concept of “self-billing” as used in the e-payment processes. (5 marks)
- (c) State FIVE factors that must be considered in an e-reverse auction process. (5 marks)
- (d) Analyse FIVE benefits of an e-supply chain management system to both the buyer and supplier. (5 marks)

(Total: 20 marks)

SECTION B

QUESTION TWO

- (a) An information system comprises of components that collect, manipulate and disseminate information.
Evaluate the term “information technology management” in business. (10 marks)
- (b) Examine the steps that a procuring department would take in developing an e-procurement strategy. (10 marks)

(Total: 20 marks)

QUESTION THREE

- (a) Technology and people are two key “enablers” without which e-procurement cannot successfully fulfill its intended purpose.
Discuss each of the above two enablers. (10 marks)
- (b) Discuss FIVE reasons for the need to introduce an Electronic Data Interchange (EDI) system in a procurement department of an organisation. (10 marks)

(Total: 20 marks)

SECTION C

QUESTION FOUR

Case Study

Milele Baby Products Ltd. (MBPL) was started in the late 1990s to produce and market baby care equipment. Its products are reputable in terms of durability and robustness to withstand mishandling. In due course, Milele Baby Products Ltd. expanded its production facilities to four countries within the East African region. This strategy enabled the company to become a global supplier.

The new globalisation strategy required MBPL to identify key focus areas, as follows:

- New products development.
- Enhanced quality of products.

- Develop low cost leadership strategy to compete with new entrants from low cost countries.
- Automate its supply chain.

The organisation is considering the options available for its new automation project, that is, to develop an in-house tailor-made system or acquire an off-the-shelf software.

Required:

- (a) Summarise how MBPL can utilise E-B2B and E-B2C tools in its supply chain. (10 marks)
- (b) Advise MBPL management on whether to purchase an off-the-shelf software or a customised one. (10 marks)
- (c) The decision to automate its supply chain system can expose MBPL to various information system risks. Explain FIVE such risks. (10 marks)
- (d) Describe how information assurance can be used to enhance information security for MBPL. (10 marks)

(Total: 40 marks)

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