

**MONDAY: 5 December 2022.**

**Time Allowed: 3 hours.**

**Answer ALL questions. Marks allocated to each question are shown at the end of the question. DO NOT write anything on this paper.**

**SECTION A**

**QUESTION ONE**

- (a) Highlight ways the following e-procurement tools add value to the procurement process. (4 marks)
- i. e-catalogue
  - ii. e-tendering
  - iii. e-reverse auctions
  - iv. e-auction
- (b) Identify FIVE limitations of a manual procurement process (5 marks)
- (c) Outline FIVE measures that may guarantee the successful implementation of an e-procurement system. (5 marks)
- (d) Highlight THREE benefits of an e-signature as an enabler of e-procurement. (6 marks)

**(Total: 20 marks)**

**QUESTION TWO**

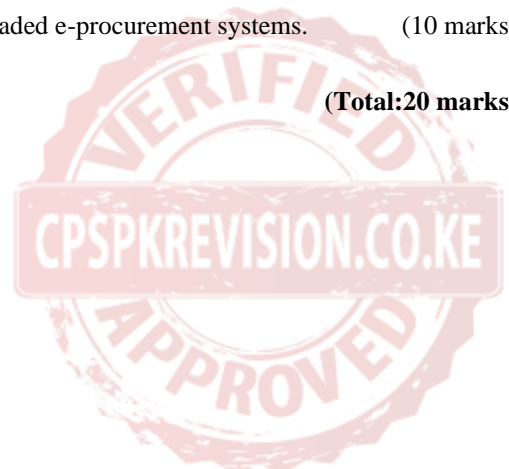
- (a) Discuss FIVE emerging technologies that are impacting supply chain operations. (10 marks)
- (b) Describe FIVE modules incorporated in a procurement information management system (10 marks)

**(Total: 20 marks)**

**QUESTION THREE**

- (a) Analyse FIVE circumstances under which an organization can discontinue an existing system to adopt a new one using the direct conversation strategy. (10 marks)
- (b) Explain FIVE challenges faced by an organization implementing upgraded e-procurement systems. (10 marks)

**(Total: 20 marks)**



SECTION C

QUESTION FOUR

Read the case study below and answer the questions that follow.

**BPL TECHNOLOGIES LIMITED**

BPL technologies limited is one of the world's leading producers of personal computers. The company produces and sells the product directly to the customer via the internet. The company also has 20 outlets located in major cities to address face-to-face issues relating to the firm's operations. To ensure that the outlets are interlinked, the company is considering adopting a web-based enterprise resource planning (ERP) system to boost essential network services significantly. Besides, the firm has deployed an inter-organizational information system that has helped interlink crucial services, including financial control, production planning, plant maintenance, sales and distribution.

Adopting these technologies has helped the organization focus on the core area of its business, thus enabling the company's growth. In 2021, the company was recognized globally as the best firm with the highest automation index. Security system measures have also been installed to protect the organization against cyber-attacks. In line with its mission, the company is now contemplating an ambitious programme of automating the stores' operation. However, in the recent past, BPL technologies company has started experiencing challenges arising from the new version of cyber threats trying to infiltrate and interfere with the firm's operations. The managing director has recruited an expert to conduct a system audit analysis, identify the gaps causing the system to be prone to attacks, and recommend solutions that could be incorporated into the upgraded system being contemplated.

**Required:**

- (a) Predict FIVE management security risk mitigation measures that BPL technologies might have put in place. (10 marks)
- (b) Formulate FIVE steps the software upgrade developer should follow when setting up the new system. (10 marks)
- (c) Explain FIVE elements that should be included in BPL technologies e-procurement strategies. (10 marks)
- (d) Assess FIVE types of feasibility analysis that BPL technologies should conduct before upgrading the company's e-procurement system. (10 marks)

**(Total: 40 marks)**

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