TECHNICAL UNIVERSITY OF MOMBASA

SCHOOL OF BUSINESS

DEPARTMENT OF MANAGEMENT SCIENCE

UNIVERSITY EXAMINATION FOR:

BACHELOR OF COMMERCE – PROCUREMENT

BPC 4400 : E-PROCUREMENT AND SUPPLY CHAIN MANAGEMENT

END OF SEMESTER EXAMINATION

ORDINARY PAPER

SERIES: APRIL,2022

TIME:2HOURS

DATE: APRIL,2022

Instructions to Candidates

You should have the following for this examination

-*Answer Booklet, examination pass and student ID*

This paper consists of five questions. Attempt question ONE (Compulsory) and any other TWO questions.

Do not write on the question paper.

Question ONE (COMPULSORY) – 30 Marks

E-Procurement is on the rise and it is said to be one of the most efficient ways to conduct business. This evidenced by studies showing that organizations are spending as much as 50 to 60% of total revenue on e-procurement activities e-Procurement is generating great excitement because of its potential to reduce procurement costs and improve strategic sourcing. However, with increasing use of reengineering projects including third party e-procurement solutions and applications, concerns over the security and confidentiality of data exchanged in electronic environments has become a prominent issue. As competition on the internet grows, companies seek to obtain as much information as possible from competitors (i.e. knowledge about competitors, prices, products, customers) by using various methods that threaten data security and help them gain an unfair advantage. the improvement in supply chain capabilities through IT allows the firm to learn and respond to market changes better and quicker than competitors. The

security and privacy of procurement transactions is a major concern for most organizations especially where payment details and other pieces of sensitive information are sent over the internet. As a result, organizations have introducing a variety of security measures to ensure that confidentiality, integrity and availability of their data.

a) Explain the concept of e-Procurement, and give **FOUR** examples of its application in today's business world. **[10 marks]**

b) Briefly, describe **FIVE** role of IT in Integrating Supply Chains. **[10 marks]**

c) Define information security and briefly, explain how security breach may occur in the following context **[10 marks]**

Question Two
a) Briefly, explain **FIVE** key strategies used by companies that have achieved best practice status in e-procurement and supply chain management **[10 marks]**
b) Briefly, discuss F**IVE** major web services operations developed to provide interfaces to the e-Procurement Web Service Registry. **[10 marks]**

Question Three
a) Describe **FIVE** factors to consider when evaluating a different e-Procurement solution to your ERP. **[10 marks]**

b) Explain **FIVE** key performance indicators when implementing an e-procurement and supply chain system. **[10 marks]**

Question Four
a) Explain, **FOUR** information security principles for business to businesses interfaces. **[10 marks]**
b) Outline **FIVE** cost components to be considered when developing the case for e-procurement system. **[10 marks]**

Question Five
a) Briefly, Explain **FIVE** reasons to invest in E-procurement and supply chain

[10 marks]

a) Discuss the relationship between E-procurement, Internal Customer Service and External Customer. **[10 marks]**