TECHNICAL UNIVERSITY OF MOMBASA

INSTITUTE OF COMPUTING AND INFORMATICS

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION

TECHNOLOGY

UNIVERSITY EXAMINATION FOR:

DIPLOMA IN ICT

EIT 2202: ECOMMERCE

END OF SEMESTER EXAMINATION

SERIES: Select series2016

TIME:2HOURS

DATE: Pick DateSelect MonthPick Year

<u>**Instructions to Candidates**</u>
You should have the following for this examination
-Answer Booklet, examination pass and student ID
This paper consists of Choose No questions. Attemptany THREE questions.
Do not write on the question paper.

Question 1 (20 marks)
   a. State any four advantages of E-Commerce   [4 marks]
   b. Give three examples of e-commerce application   [3 marks]
   c. Briefly explain the three major classification of e-commerce   [6 marks]
   d. State any four benefits of EDI   [4 marks]
   e. State any three differences between traditional commerce and e-commerce   [3 marks]

Question 2 (20 marks)
   a. State any four documents used in Electronic Data Interchange (EDI)   [4 marks]
   b. Explain the major security issues for ensuring security in E-Commerce   [6 marks]
   c. Explain the steps involved in the development of an e-commerce web site.   [8 marks]

Question 3 (20 marks)
   a. State three advantages of E-Commerce for each of the following categories   [6 marks]
      i. Organizations
      ii. Customers
   b. Explain the role of E-Commerce in: [4 marks]
      i. Supply chain management

    ii. Retailing

  c. Briefly explain Value Added Networks (VANs)   [2 marks]

  d. Explain any four essential requirements for safe e-payments/transactions.   [8 marks]

Question 4 (20 marks)

  a. Explain any three measures of ensuring safe e-payments/transactions.   [6 marks]

  b. State the steps involved in B2C E-Commerce   [8 marks]

  c. Explain any three security protocols used over the internet   [6 marks]

Question 5 (20 marks)

  a. Briefly explain the following terms   [4 marks]

    i. Firewall

    ii. Public key encryption

  b. Explain any three modes of electronic payments in E-Commerce   [6 marks]

  c. State the steps involved in an EDI system   [4 marks]

  d. Explain the major security issues for ensuring security in E-Commerce   [6 marks]