



TECHNICAL UNIVERSITY OF MOMBASA

INSTITUTE OF COMPUTING AND INFORMATICS
DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

UNIVERSITY EXAMINATION FOR:

DICT/SEP2018/J&S –FT

EIT 2202, E-COMMERCE

END OF SEMESTER EXAMINATION

SERIES:AUGUST2019

TIME:2HOURS

DATE:Pick DateJul2019

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 1

- a) Define E-commerce [2marks]
- b) Name and describe any two services currently available through the Web. [2 marks]
- c) Differentiate between E-commerce and E-business. [4 Marks]
- d) Name any three steps a company can take to curtail cyber-criminal activity from within business? [6 marks]
- e) Define the following terms as used in E-commerce [4Marks]
 - i. Shopping cart
 - iii. Protocol
- d) State any two Risks Associated with Electronic Payment System: [2marks]

QUESTION 2

a) Discuss any four most important factors impacting Web site design, and how do they affect a site's operation. [8marks]

b) Give an example of security breaches as they relate to the following dimensions of e-commerce security. For instance, what would be a privacy incident? [8marks]

- i) Integrity
- ii) Authenticity
- iii) Confidentiality
- iv) Availability

c) Provide a structure that explains the E-business transaction model [4marks]

QUESTION 3

- a) Compare and contrast intranets, extranets, and the Internet as a whole. [6marks]
- b) Discuss any three the contribution of software agents to ecommerce [6marks]
- c) Define Electronic Data Interchange. What are the components of Electronic Data Interchange? [4marks]
- d) Explain how SSL protocol is used for secure transaction. [4marks]

QUESTION 4

- a) Explain what SCM systems attempt to do in E-commerce [4marks]
- b) Discuss any three factors that will help define the future of e-commerce over the next five years. [6marks]
- c) Explain any three major limitations on the growth of E-commerce. [6marks]
- d) Discuss the Components of the information superhighway infrastructure for e-commerce. [4marks]

QUESTION 5

- a) List and discuss any three benefits of E-commerce to a business organisation [6marks]
- b) Discuss any four unique features of E-commerce technology [8marks]
- c) Discuss the three factors that forms the E-commerce infrastructure [6marks]