



FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY
DEPARTMENT OF INFORMATION AND MEDIA TECHNOLOGY

SECOND SEMESTER 2017/2018 EXAMINATION

COURSE CODE: IMT322
COURSE TITLE: Electronic Commerce
CREDIT UNITS: 2
TIME ALLOWED: 2 Hours
COURSE LECTURER(S): Mrs. F.J. Babakano
NUMBER OF QUESTIONS: 5
NUMBER OF PAGES: 2 (INCLUDING THIS PAGE)

INSTRUCTIONS

- Answer all questions
- Do not use red pen
- Please use a clear handwriting
- This exam is closed book, closed notes, closed laptop and closed cell phone
- Please use non-programmable calculators only



- 1(a) Differentiate between e-commerce and e-business. (3 mrks)
(b) Highlight the major limitations of e-commerce. (3 mrks)
(c) List four (4) advantages and four (4) disadvantages of bus topology (4 mrks)
(d) Examine the need for a reliable network in e-commerce? (2 mrks)
2. (a) Discuss the four types (categories) of e-commerce with examples (4mrks)
(b) Discuss any 3 type of electronic payment systems used in e-commerce (3mrks).
(c) Differentiate between a DEBIT CARD and CREDIT CARD. (2mrks)
(d) Differentiate between a CREDIT CARD and a CHARGE CARD. (2mrks)
3. (a) Explain three risks involved in a running an e-commerce site (3 mrks)
(b) Discuss the working mechanism of public key cryptography works. (4 mrks)
(c) What is a security policy and what are the different aspects of security it addresses? (3 mrks)
(d) Differentiate between digital signature and digital certificate. (3 mrks)
4. (a) Compare real world payment system to online payment systems (2 mrks)
(b) What are the limitations of traditional payment instruments? How are these limitations overcome by electronic payment systems (3 mrks)
(c) List six advantages and six disadvantages of using cash as a payment form (6 mrks)
(d) Explain the importance of Fulfilment Phase in e-commerce (3mrks)
5. (a) Write the complete title of your group project and discuss the goal of the project. (2mrks)
(b) What are the security measures you have implemented in your e-commerce project (explain the technologies) (3 mrks)
(c) Draw the Use Case of your project and explain how you coded (pseudocode) at least two of the use cases. (3 mrks)
(d) Discuss any four International issues (challenges) e-commerce is facing. (2mrks)