COLLEGE OF BUSINESS, PEACE, LEADERSHIP AND GOVERNANCE

NCIS209-INFORMATION SYSTEM FUNDAMENTALS

END OF FIRST SEMESTER EXAMINATIONS

NOVEMBER 2022

LECTURER: MRS L. TEMBANI-FUNDISI

DURATION: 3 HOURS

INSTRUCTIONS

Answer ANY 4 (FOUR) Questions

Start each answer on a fresh page

Logical answering, smartness and use of examples will make you earn more marks

Question One:

a) Differentiate Information and knowledge (4)

b) What are the implications of Cloud database, explain it in relation to any organization of your choice (5)

c) Define big data and explain its characteristics (6)

d) Briefly explain any 5 types of databases using examples (10)

Question Two

Explain in detail the 5 (five) major primary components of an information system and analyze which the one you think is the most important to the success of a business organization? (25 marks)

Question Three

a) Define how e-commerce has been used to boost profits in any organization of your choice (5)

b) Using examples, explain the areas where E-commerce is being applied in any country of your choice (12)

c) Outline and briefly explain any 4 types e-commerce. (8)

Question Four

a) With the aid of a simple diagram explain the CIA Triad (5)

b) What are the benefits of IS Security (6)

c) Outline and explain 7 layers of IT Security (14)

Question Five

Demonstrate an understanding of the role and importance of information service provision and acquisition in the responsibilities of an IT manager. (25marks)

END OF EXAMINATION