



COLLEGE OF ENGINEERING AND APPLIED SCIENCES

NCIS 209-FOUNDATION OF INFORMATION SYSTEMS

END OF FIRST SEMESTER EXAMINATIONS

NOVEMBER 2024

LECTURER: MRS L. FUNDISI

DURATION: 3 HOURS

INSTRUCTIONS

Answer **ANY 5** (Five) Questions

Start each answer on a fresh page

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

Question One:

Discuss the significance of adopting an Enterprise Resource Planning (ERP) system within a business context. [20]

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? [20]

Question Three

- a) What are the ethical things to consider in systems [5]
- b) Explain the factors affecting digital divide and inequality [5]
- c) What are the strategies for bridging the digital divide [10]

Question Four

- a) Outline and explain the ways of data sanitization [8]
- b) Discuss how “*business intelligence*” assists organizations in making decisions [12]

Question Five

- a. What are some common ethical issues in information systems? [10]
- b. What are the usual methods employed by organizations to tackle these ethical dilemmas in information systems? [10]

Question Six

Evaluate the role of information systems in promoting social good versus their use in harmful activities [20]

Question Seven

- a. Define ‘*cloud computing*’ and explain its significance in modern technology. [10]
- b. Compare and contrast traditional IT infrastructure with cloud computing. [10]

END OF EXAMINATION