



COLLEGE OF ENGINEERING AND APPLIED SCIENCES

NCIS309-INFORMATION SYSTEMS AUDIT AND CONTROL

END OF SECOND SEMESTER EXAMINATIONS

APRIL 2024

LECTURER: MRS L. TEMBANI-FUNDISI

DURATION: 3 HOURS

INSTRUCTIONS

Section A compulsory

Answer any 3 (three) questions

All question carries equal marks (25)

Begin your answer to each question on a fresh page

Logical answering, smartness and use of examples will earns more marks

Section A

Answer all questions from this Section

Identify an organization, clearly do a report on the IS audit results that you have done.

Use the following key elements in your writing:

- Executive Summary,
- Audit Objectives,
- Scope and Methodology
- Findings and Recommendations
- Conclusion

Section B

Answer any three (3) questions from this Section

Question One

- a. Explain the various roles of the IT auditor. (10)
- b. Define information systems audit and explain its importance in ensuring the effectiveness and security of an organization's information systems. (15)

Question Two

- a) Define *internal control* (2)
- b) Explain and provide *examples of preventive, detective, and corrective and directive controls* and explain their respective purposes. (8)
- c) Briefly explain the 5 components of the COSO framework (15)

Question Three

- a) What are *information assets* (2)
- b) What is the purpose of Auditing standards (8)
- c) Discuss the key steps involved in conducting an information systems audit. Explain how each step contributes to assessing the controls and risks associated with the organization's information systems. (15)

Question Four

- a) Describe different types of risks and their impact on financial legal regulations. (12)
- b) Describe the process of assessing and mitigating risks in an information system. Explain the role of risk assessment methodologies, such as qualitative and quantitative assessments, in identifying and prioritizing risks. (13)

END OF EXAMINATION