



FACULTY OF BUSINESS SCIENCES AND MANAGEMENT

DEPARTMENT OF ACCOUNTING

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**BACHELOR OF COMMERCE HONOURS DEGREE IN ACCOUNTING**

PART II FIRST SEMESTER EXAMINATION

**INFORMATION SYSTEMS [BAC2104]**

JUNE 2024

DURATION: 3 HOURS

**INSTRUCTIONS**

1. Answer **ALL** QUESTIONS
2. Begin your answer to each question on a new page.
3. Please indicate the study format (Conventional/Block) on the cover of your answer script.

**INFORMATION**

1. Marks per question are as indicated.
2. Questions may be attempted in any order.

**This paper consists of two (2) printed pages including the cover page**

### **QUESTION 1**

- a) What is an information Systems? [5]
  
- b) Information System Security has been a big challenge these past few years. This was partly caused by the exponential grow of ICTs in business because Attackers continue to seek and exploit vulnerabilities in Information Systems. Other than viruses, which other security threats have been encountered in Information Systems over the past decade. [15]

### **QUESTION 2**

Draw a Systems Development Life Cycle and elaborate on each stage? [20]

### **QUESTION 3**

- a) Top management support shown to be needed for successful implementation of IS/IT strategic plans. Explain some of the reasons for no management support [10]
  
- b) Describe the success factors of IS/IT in an organization. [10]

### **QUESTION 4**

- a) Describe four competitive strategies enabled by information systems that firms can pursue. [12]
  
- b) Explain why aligning IT with business objectives is essential for strategic use of systems. [8]

### **QUESTION 5**

- a) Briefly describe each of the three (3) members of the Information Security triad [10]
  
- b) What does the term Authentication mean? [5]
  
- c) Explain the multi factor Authentication. [5]

**END OF EXAMINATION PAPER**