

UGANDA MARTYRS UNIVERSITY,  
NKOZI/LUBAGA/MASAKA CAMPUS

FACULTY OF BUSINESS ADMINISTRATION AND  
MANAGEMENT

END OF SEMESTER I, 2022/23

EXAMINATION

BAM I, BSC ACC & FIN I, BPSCM I

Course unit: INTRODUCTION TO INFORMATION SYSTEMS

Course code: CSC1206

DATE: Tuesday 13<sup>th</sup> December 2022

Time: 3 hours

**Instructions:**

1. Carefully read through ALL the questions before attempting
2. ALL questions carry equal marks
3. This paper consists of five questions, **ATTEMPT ONLY FOUR**
4. Do not write anything on this question paper.

**Question one**

- a) Write a short note on the term information system (5 marks)
- b) Use an Information System Flow Model to illustrate how an information system works (20 marks)

**Question two**

- a) Briefly explain what is meant by the term computer system. (3 marks)
- b) Describe six components of a computer-based information system (12 marks)
- c) Give five roles of information systems in organizations and businesses today (5 marks)
- d) Identify five types of information systems. (5 marks)

**Question three**

- a) Define the term information (3 marks)
- b) Explain six characteristics of valuable information. (12 marks)
- c) Explain five functions of information system (10 marks)

**Question four**

- a) Explain what is meant by the term levels of management (3 marks)
- b) Identify three roles performed by members at the;
  - i. Strategic level (6 marks)
  - ii. Tactical level (6 marks)
  - iii. Operational level (6 marks)
- c) State two members found at
  - i. Operational level (2 marks)
  - ii. Strategic level (2 marks)

**Question five**

- a) Define the term system development (2 marks)
- b) Identify three reasons why people develop information systems (6 marks)
- c) Describe the phases of the system development cycle (10 marks)
- d) Define the term feasibility study (2 marks)
- e) List five types of feasibility tests (5 marks)

**Question six**

- a) Define the term database (2 marks)
- b) Identify three types of databases (3 marks)
- c) Differentiate between Manual Filing system and Computerized File-based Systems (4 marks)
- d) Explain what is meant by the term database management system. (3 marks)
- e) Explain the components of the database management system. (10 marks)
- f) Outline three characteristics of the database management system. (3 marks)

**END**