



**UGANDA MARTYRS UNIVERSITY-MBALE BRANCH**  
**FACULTY OF BUSINESS ADMINISTRATION**

**SEMESTER II 2017/18 EXAMINATIONS**

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**PAPER : INTRODUCTION TO INFORMATION SYSTEMS**  
**CODE : CSC 1204**  
**COURSE : BAM I**  
**DATE : .....**  
**TIME : ----- [3 HOURS]**

**INSTRUCTIONS:**

**Section A** **Answer ALL questions** **[25 MARKS]**

- 1). Information Technology is based on two foundations, Explain this statement. (1 marks)
- 2). Describe the information system processing life cycle. (5 marks)
- 3). State any three (3) most common threats to Information Systems. (3 marks)
- 4). The following terms are commonly used as far as Information Systems is concerned.  
What would you consider as the differences between the following?
  - i) Data, (1 marks)
  - ii) Information, (1 marks)
  - iii) Information Systems? (1 marks)
- 5i). Information is used in both business as well as in management. State any three (3) qualities of information would you recommend as suitable for use in an organization? (3 marks)
- ii). What are any five (4) uses of Information in Business. (4 marks)
- 6). Identify any three (3) Factors Affecting the Development of Good Information Systems needed for use in business? (6 marks)

**SECTION B:**

**Attempt any THREE questions from this section.** **[75 MARKS]**

- 1a). With clear explanations, identify the components of an Information System. (10 marks)
- b). Identify some of the outstanding Advantages as well as Disadvantages of information systems as used in the organizations? (5 marks)
- c). Identify any five (5) benefits realized in an organization using Information Systems. (5 marks)
- d). Mention some of the threats; Unintentional & Intentional threats that information systems face in the organizations. (5 marks)

- 2a).** The System Development Life Cycle (SDLC) is the development method used by most organizations today for large and complex / abstract systems. (5 marks)  
Explain why the SDLC was developed and the problems it was meant to address.
- b). System Investigation is one of the Seven Phases of the SDLC. It is actually the second phase in the SDLC. Discuss in detail, the Activities carried out during this stage of development. (8 marks)
- c). The next stage is System Analysis also called the requirements collection/ determination. It calls for full system study. Explain. (12 marks)
- 3a).** Define, and identify with explanation, the concepts of a SYSTEM. (10 marks)
- b). Give an illustration of the levels of management the organizations is broken into and express the advantages of having an organization divided into such levels. (6 marks)
- c). The Management was seen to know how to use information systems strategically, and how information systems could help make better decisions. Identify the different decisions taken by the members at the various levels of management to achieve success to the organization. (9 marks)
- 4a).** Information security describes efforts to protect computer and non-computer equipment, facilities, data, and information from misuse by unauthorized parties. Explain any four (4) steps that can be carried out to achieve this? (8 marks)
- b(i). Identify any three (3) likely approaches to be employed to improve upon the security of computers and non-computer equipment, facilities, data, and information?(6 marks)
- ii). Explain any three (3) challenges that an organization faces given that the information systems used are on line. (6 marks)
- c). Explain ways through which you would protect your information system if it crashes. (5 marks)

#### THE END & GOOD LUCK####