

# KIBABII UNIVERSITY



## UNIVERSITY EXAMINATIONS 2021/2022 ACADEMIC YEAR SECOND YEAR SECOND SEMESTER

### MAIN EXAMINATION

### FOR THE DEGREE OF BACHELOR OF COMMERCE

**COURSE CODE: BCO 221**

**COURSE TITLE: MANAGEMENT INFORMATION  
SYSTEM**

**DATE: 19/05/2022**

**TIME: 2.00 – 4.00PM**

---

#### INSTRUCTION TO CANDIDATES

- 1) The paper contains **FIVE** questions
- 2) Attempt **THREE** questions
- 3) Question **ONE** is Compulsory

**KIBU** observes **ZERO** tolerance to examination cheating

### QUESTION ONE (30 MARKS)

Sanja enterprise is a local start-up company that is keen on putting up an effective management information system that would place it in a strategic position to stay ahead of its perceived competitors. The firm's directors have identified you as a resourceful person to guide them through this endeavor. How would you address the following key issues related to the task before you?

- a) Which 5 factors are likely to be an impediment to the firms adoption of this important concept (10 marks)
- b) Describe the 5 attributes of the information that the said system should generate (10 marks)
- c)
  - i. Outline 5 disadvantages of using database compared to conventional files (5 marks)
  - ii. Which 5 benefits is the firm likely to derive from the introduction of this system (5 marks)

### QUESTION TWO (20 MARKS)

- a) Discuss six ways through which security of an information system can be guaranteed (12 marks)
- b) Describe the four main objectives of MIS (8 marks)

### QUESTION THREE (20 MARKS)

- a) What are some of the challenges that may be encountered when using file based processing approach? (10 marks)
- b) Describe five attributes of computerized management information system (MIS) (10 marks)

### QUESTION FOUR (20 MARKS)

- a) Information is regarded as one of the prime resources that every organization values. Discuss five reasons that makes this statement true (10 marks)
- b) Describe any five types of information systems that you know (10 marks)

### QUESTION FIVE (20 MARKS)

Discuss in detail all the phases of a system development life cycle (20 marks)