# GRETSA UNIVERSITY - THIKA

## UNIVERSITY EXAMINATIONS

## JANUARY – APRIL 2017 SEMESTER

## BACHELOR OF COMMERCE

**COURSE CODE: BCBA 300**

**COURSE TITLE: MANAGEMENT INFORMATION SYSTEMS**

**DATE:  6 APRIL 2017**                               **TIME:  8.00 AM – 11.00 AM**

**INSTRUCTIONS TO CANDIDATES**

1. SECTION A IS **COMPULSORY.**
2. SECTION B: ANSWER ANY OTHER **THREE** QUESTIONS.
3. **DO NOT** WRITE ANYTHING ON THIS QUESTION PAPER AS IT WILL BE AN EXAM IRREGULARITY.
4. ALL ROUGH WORK SHOULD BE AT THE BACK OF YOUR ANSWER BOOKLET AND CROSSED OUT.

**CAUTION:** All exam rooms are under CCTV surveillance during the examination period.

**SECTION A**

**QUESTION ONE**

I.  The growth of e-business has provided the means for integrating systems across the organization. Vendors have created various technologies to facilitate integration. Demonstrate your understanding of Enterprise Resource Planning Systems, better known as ERP systems, demonstrating their benefits.                                      [10 marks]

II.  Prototyping is an intuitive process and can be easily be manipulated by end users. Prototypes help designers in coming up with a new information system. What are some of the drawbacks of prototyping in software development?                      [10 Marks]

III.  Computer confidentiality can be compromised destroying confidential information. Enumerate some of the ways to curb these compromises.                      [10 Marks]

IV.  Management chooses various measures to mitigate risks to information security. Discuss in details the different types of controls that can be implemented.              [10 marks]

**SECTION B**

**QUESTION TWO**

I.  Protection of Intellectual Property is critical to e-business since many products and services can easily be copied, and they will end up resembling the original product. Legal protection therefore becomes important. What are the various types of legal protection in

intellectual property?                                                                    [10 marks]

II.    Turning data into information is a process of logically related tasks performed to achieve a defined outcome. Valuable information entails various salient features. Discuss these features.

**QUESTION THREE**

I.    AIS is responsible for the provision of timely, accurate financial and statistical reports for internal management decision making and for external creditors, investors and regulatory activities. What are the major steps necessary in the Implementation of an information system?                                                                    [10 Marks]

II.    Information flows vertically and horizontally in organizations. For instance, production supervisors constantly communicating with production workers and their own managers. Enumerate the various information needs in all levels of management.        [10 marks]

**QUESTION FOUR**

I.    In the cognitive perspective, the organization is a knowing, sentient organization. Organizations therefore seek to make sense out of their environments and therefore can learn and know things. Discuss the various types of information systems available to an organization.                                                                    [10 marks]

II.    An information system is integrated and coordinated network of components, which combine together to convert data into information. Elucidate the various ways information systems can be classified.                                [10 marks]


## QUESTION FIVE

I.     MIS delivers great benefits to enterprises in every industry and thus can be used to achieve business objectives. What are the various benefits of MIS?     [6 marks]

II.    Organizations use various types of information systems to support the many processes needed to carry out their business functions. Software development lifecycle is the entire process of software development. Discuss SDLC Phases          [14 marks]