



# **GRETSA UNIVERSITY - THIKA**

## **UNIVERSITY EXAMINATIONS JANUARY – APRIL 2017 SEMESTER**

### **BACHELOR OF COMMERCE**

**COURSE CODE: BCAC 305**

**COURSE TITLE: ACCOUNTING INFORMATION SYSTEM**

**DATE: 6 APRIL 2017**

**TIME: 11.30 AM – 2.30 PM**

---

#### **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**

Jamii smart technologies Limited is a large firm experienced in the development, use and installation of accounting information systems in Africa;

- (a) Explain what is an information system (4mks)
- (b) Describe the benefits that Jamii smart technologies will derive from accounting information system (10mks)
- (c) Explain what decision support system (Dss) is including its components (10mks)
- (d) Discuss the various types of information systems that Jamii smart technologies is likely to develop (10mks)
- (e) Identify the benefits that Jamii Smart Technologies will derive from virtual banking system (6mks)

## **SECTION B**

### **QUESTION TWO**

Jubilee information technologies limited is a medium sized firm which imports and installs various types of information systems;

- (a) Explain the major pressures experienced by businesses in the application of accounting information system (15mks)
- (b) Describe financial management information system (FMIS) (5mks)

### **QUESTION THREE**

A Transaction processing system (TPS) is an information processing system for business transactions involving the collection, modification and retrieval of all transaction data;

- (a) Describe the functions of an information system (6mks)
- (b) Explain the characteristics of Transaction Processing System(TPS) (14mks)

#### **QUESTION FOUR**

Mawingu food processors is installing advanced software technology including expert systems to improve its management capacity;.

- (a) Explain the characteristics of an expert system (15mks)
- (b) Describe the Geographic information system (GIS) (5mks)

#### **QUESTION FIVE**

The banking industry in Kenya is growing rapidly assisted by advancement in technology;

- (a) Describe online banking (4mks)
- (b) Explain the operational information systems implemented by banks (16mks)