



# National University of Science and Technology

## FACULTY OF COMMERCE

### DEPARTMENT OF ACCOUNTING

**SUPPLEMENTARY EXAMINATION PAPER: 2011/2012**

**DATE: JUNE 2012**

**SUBJECT: INTRODUCTION TO INFORMATION TECHNOLOGY:  
CAC 1203**

**TIME ALLOWED: THREE (3) HOURS**

**MARKS: 100**

### **INSTRUCTIONS TO CANDIDATES**

1. Answer all Four (4) questions
2. Use the examination book provided
3. Use black or blue pen
4. Begin each question on a new page and
5. Submit all answer books

### **QUESTION ONE**

- a) Discuss the relevance of information concepts in society. **[15 Marks]**
- b) Identify and discuss the components of the computer based information system. **[10 Marks]**

### **QUESTION TWO**

Which computer based information systems factors are the reason why there has been and continues to be exponential growth in investment and interest in the information technology sector? **[25 Marks]**

### **QUESTION THREE**

- a) Discuss the instruction-executive phases performed by computer hardware and the components that are involved in that process. **[15 Marks]**
- b) What are the key functions of operating systems software. Give examples of the operating system software as your response. **[10 Marks]**

### **QUESTION FOUR**

Graphically illustrate any THREE (3) network topologies that would apply in a banking environment and explain the reason why you picked each topology. **[25 Marks]**

### **QUESTION FIVE**

Discuss the TWO (2) types of software found in a computer. **25 Marks]**

### **QUESTION SIX**

- a) Identify and discuss practically FIVE (5) guidelines for effective reports. **[5 Marks]**
- b) Discuss FIVE (5) outputs of Management Information Systems **[5 Marks]**
- c) Discuss Group Decision Support Systems. **[15 Marks]**

**END OF EXAMINATION PAPER**