

**W1-2-60-1-6**

JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

# **UNIVERSITY EXAMINATIONS 2014/2015**

SECOND YEAR SECOND SEMESTER EXAMINATIONS FOR THE DEGREE OF BACHELOR OF COMMERCE

**HBC 2212 : COMPUTER APPLICATION FOR BUSINESS**

**DATE: APRIL 2015 TIME: 2 HOURS**

**INSTRUCTIONS:**

**ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS**

**====================================================================**

**QUESTION ONE [COMPULSORY] [30 MARKS]**

Due to development in information technology most organizations especially the

small and medium sized enterprises (SME’s) are making considerable investments

to automate their operations. Most of the investments have been made towards

acquiring the required hardware, software and qualified personnel. The decision

to automate business operations brings along so many benefits and at the same

time many challenges.

1. Discuss the main reasons why there is an increase of the investments and use of information technology especially by the SME’s [6 marks]
2. Discuss the main benefits /advantages derived by the organizations that automate their operations. [6 marks]
3. Discuss the limitations /challenges for deploying information technology [4 marks]
4. Computer systems are meant to process data into information for the decision-making purposes by managers. Describe the attributes of good/useful information produced by computer systems. [8 marks]
5. In details, describe the various types by giving examples, the general purpose packages found on the market. [6 marks]

**QUESTION TWO [20 MARKS]**

Managers and business professionals are required to have an in-depth understanding of issues in computer equipment and the way technology is applied for various business purposes.

1. Discuss the main components of a computer system and the functions of each of the components. [10 marks]
2. By giving examples, what is the difference between an operating system and application software ? [4 marks]
3. Describe the criteria or factors to consider when selecting computer hardware for business applications [6 marks]

**QUESTION THREE [20 MARKS]**

1. When developing new software for business applications, what is a feasibility study and why is it conducted ? in details describe the main types of feasibility study to be conducted. [12 marks]
2. Once a new software has been developed and there is a need to introduce the new system to replace the old operations, describe by outlining the advantages and disadvantages of the methods to introduce the new system [8 marks]

**QUESTION FOUR [20 marks]**

1. In details discuss some of the types of business information systems available for use by organization for business activities. [10 marks]
2. Describe some of the career opportunities in information systems by clearly indicating what is performed in each of the roles. [6 marks]
3. Discuss some of the areas within an office set-up where information systems can be applied. [4 marks]

**QUESTION FIVE [20 MARKS]**

You have decided to come up with financial models to help you carry out various business activities.

1. What is a financial model [2 marks]
2. Describe the steps required to create and functioning financial models [12 marks]
3. Financial models are produced to solve particular problems. Describe in details some of the activities that models can help solve. [6 marks]