



TECHNICAL UNIVERISTY OF MOMBASA

# Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

UNIVERSITY EXAMINATION FOR BACHELOR OF BUSINESS  
ADMINISTRATION (BBA)

**HBC 2212/HCA 2204: COMPUTER APPLICATION FOR BUSINESS**

END OF SEMESTER EXAMINATION

**SERIES: APRIL 2013**

**TIME: 2 HOURS**

**Instructions to Candidates:**

You should have the following for this examination

- *Answer Booklet*

This paper consists of **FIVE** questions. Attempt question **ONE** and any other **TWO** questions

Maximum marks for each part of a question are as shown

This paper consists of **TWO** printed pages

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**Question One (Compulsory)**

- a) Define the following terms: **(10 marks)**
- (i) Computer
  - (ii) Motherhood
  - (iii) Operating system
  - (iv) CPU
  - (v) DBMS
- b) With the aid of a diagram, describe a computer system. **(10 marks)**
- c) Distinguish between the following terms. **(10 marks)**
- (i) ROW and Column
  - (ii) RAM and ROM
  - (iii) Absolute referencing and Relative Referencing
  - (iv) Application Software and System Software
  - (v) Extranet and Intranet

### **Question Two**

- a) What services are offered by an operating systems **(8 marks)**
- b) Using a well labelled diagram, explain the main components of a CPU. **(10 marks)**
- c) Define data processing **(2 marks)**

### **Question Three**

- a) What are limitations of first generation computers? **(6 marks)**
- b) Define mail merge. **(2 marks)**
- c) Give **TWO** advantages of mail merge over copy and paste. **(4 marks)**
- d) What are the uses of word application program? **(8 marks)**

### **Question Four**

- a) Define database **(2 marks)**
- b) List **FOUR** examples of database programs in the market. **(2 marks)**
- c) Explain various objects in databases **(10 marks)**
- d) Describe any **THREE** advantages of databases **(6 marks)**

### **Question Five**

- a) Define a cell. **(2 marks)**
- b) State and explain any features of spreadsheets that are useful in financial modeling. **(8 marks)**
- c) Describe the various computer generations based on technology in each generation state **TWO** characteristics. **(10 marks)**