



TECHNICAL UNIVERISTY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY
DBA/DBM/DHRM/DBC/DC/DA/DMAC/DGD/DCDC/DHIM/DMEN

EIT 2101: COMPUTER APPLICATIONS

END OF SEMESTER EXAMINATION

SERIES: APRIL 2014

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 **THREE** printed pages

Question One (Compulsory)

- a) Define the following terms as used in computer applications. **(6 mark)**
 (i) Font
 (ii) Cell
 (iii) Spreadsheets
- b) Differentiate between a file and a record. **(4 marks)**
- c) State the Microsoft application used to create the following documents. **(4 marks)**
 (i) Spreadsheet
 (ii) Presentation
 (iii) Word processing
 (iv) Database
- d) List any THREE web browsers. **(3 marks)**
- e) State and explain ONE advantages of a filter as used in a database application. **(3 marks)**

Question Two

- a) Define the following as used in computer application:
 (i) Multimedia
 (ii) Worksheet
 (iii) Bold **(6 marks)**
- b) Explain FOUR ways in which a line in an application can be aliqied. **(8 marks)**
- c) State THREE advantages of a spreadsheet software. **(6 marks)**

Question Three

- a) Define the following as used in database application: **(6 marks)**
 (i) Filter by form
 (ii) Relationship
 (iii) Sort
- b) List any FOUR views in a presentation software (PowerPoint) **(4 marks)**
- c) Briefly explain THREE comparison operators in excel. **(6 marks)**
- d) Differentiate between a query and a filter as used in a database application software. **(4 marks)**

Question Four

- a) State FOUR word processed documents. **(4 marks)**
- b) Briefly explain THREE advantages of printing a database report instead of a database table. **(4 marks)**
- c) List FOUR editing features that allow users to easily modify a document. **(4 marks)**

- d) Define the following terms: **(5 marks)**
- (i) Subscript
 - (ii) Word processing
 - (iii) Row
 - (iv) Internet
 - (v) Workbook
- e) Explain TWO advantages of a report in a database application. **(3 marks)**

Question Five

- a) Briefly explain FOUR search methods used in increasing the effectiveness and efficiency of internet searches. **(8 marks)**
- b) State the Formula or function to be used in a cell for the following examples (excel documents). **(6 marks)**
- (i) The total of cells in a range
 - (ii) The smallest income earner in a payroll sheet of an excel document
 - (iii) Find all children aged above 5 years from a range of children years and give a true in a cell for vaccination.
- c) Differentiate between italics and font **(2 marks)**
- d) Define the following terms:
- (i) Web browser **(2 marks)**
 - (ii) Data **(2 marks)**