



THE TECHNICAL UNIVERISTY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY
DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY
(DICT)

EIT 2101: COMPUTER APPLICATIONS

END OF SEMESTER EXAMINATION

SERIES: APRIL 2013

TIME: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

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

Question One (Compulsory)

- a) Explain the term Database Management System. **(2 marks)**
- b) Explain the following terms as used in Database Management System.
- (i) Data item
 - (ii) Field
 - (iii) Record
 - (iv) Database structure **(8 marks)**
- c) Explain the following Ms Access data types:
- (i) Memo
 - (ii) Number
 - (iii) Ole object
 - (iv) YES/NO
 - (v) Logical **(10 marks)**

Question Two

- a) State any **TWO** examples of the following application packages category:
- (i) Word processors
 - (ii) Spreadsheet
 - (iii) Presentation
 - (iv) Desk-top publishers
 - (v) Computer-aided design **(10 marks)**
- b) Explain the following terms:
- (i) Software
 - (ii) Utility programs
 - (iii) Computer
 - (iv) Operating system
 - (v) User programs **(10 marks)**

Question Three

- a) Explain any **FIVE** formatting features in word-processing. **(10 marks)**
- b) Explain the following terms as used by database management system:
- (i) Query
 - (ii) Forms **(10 marks)**

Question Four

- a) Explain the term WORD PROCESSING. **(2 marks)**
- b) Explain the **NINE** general features of SPREADSHEET **(18 marks)**

Question Five

- a) Explain the term spreadsheet. **(2 marks)**
- b) Explain the **NINE** general features of spreadsheets. **(18 marks)**

