TECHNICAL UNIVERISTY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

CERTIFICATE IN INFORMATION COMMUNICATION TECHNOLOGY
(CICM 13M)

EIT 1106: COMPUTER APPLICATIONS II

END OF SEMESTER EXAMINATION
SERIES: DECEMBER 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

Question One (Compulsory)

a) Define the following terms: **(6 marks)**
   (i)   Publishing
   (ii) DTP
   (iii) Docker

b) Describe FOUR objectives of DTP   **(8 marks)**

c) Explain the distinction between vector graphics and Bitmap graphics   **(4 marks)**

d) List FOUR Bitmap file formats   **(4 marks)**

e) Explain the meaning of the following database terminologies: **(8 marks)**
   (i)   Database
   (ii) DBMS
   (iii) Data type
   (iv) Attribute   **(8 marks)**

Question Two

a) Outline SIX advantages of a DBMS   **(6 marks)**

b) Describe the feature used to link text boxes in Ms Publisher and explain how it is used.
                                                                           (5 marks)
c) Explain the use of the following tools in Ms Excess   **(4 marks)**
   (i) Querry
   (ii) Macros

Question Three

a) Outline FOUR types of graphics   **(4 marks)**

b) Describe the following graphic application terms:
   (i)   Workspace
   (ii) Zooming
   (iii) Outline tool   **(6 marks)**
c) Distinguish between group and combine tools in CorelDraw   **(3 marks)**

d) List TWO documents you can create using Ms Publisher   **(2 marks)**

Question Four

a) Describe FOUR database models   **(8 marks)**

b) Identify seven weaknesses of traditional filing system   **(7 marks)**

Question Five

a) Explain the function of the following CorelDraw features:
   (i)   Flyout

(ii)   Property bar
(iii) Outline tool   **(6 marks)**
b) Explain the distinction between layout based software and paint and draw software.   **(4 marks)**
c) List FIVE types of media used in publishing   **(5 marks)**