TECHNICAL UNIVERISTY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

CERTIFICATE IN INFORMATION TECHNOLOGY & MAINTENANCE
(CITM 12S)

EIT 1104: COMPUER APPLICATION II

SPECIAL/SUPPLEMENTARY EXAMINATION
SERIES: JULY 2013
TIME: 2 HOURS

<u>**Instructions to Candidates:**</u>
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)

Discuss the following categories of programming languages:

    (i) Object oriented
    (ii) Event driven
    (iii) Procedural
    (iv) Website development
    (v) Fourth generation languages   **(20 marks)**

Question Two

a) Discuss any **FIVE** components of a network.   **(10 marks)**

b) Describe the following types of networks:
    (i) LAN
    (ii) MAN
    (iii) WAN   **(10 marks)**

Question Three

a) Discuss any **FIVE** features of Ms. PowerPoint that makes it presentation software.   **(10 marks)**

b) Outline steps for performing the following in Ms. PowerPoint.
    (i) Rearranging slides
    (ii) Creating notes regarding a slide
    (iii) Applying a design template to a series of slides   **(10 marks)**

Question Four

a) State the steps for creating a relationship in Ms. Access   **(5 marks)**

b) Outline the importance of creating a relationship in a database e.g. Ms. Access   **(5 marks)**

c) State the advantages of electronic databases that the traditional file based systems.   **(5 marks)**

d) Other than Access, state any other **FIVE** databases in the market today.   **(5 marks)**

Question Five

a) Giving examples, discuss the following categories of application software:
    (i) Word processors
    (ii) Spreadsheet
    (iii) Databases
    (iv) Presentations
    (v) Publications   **(10 marks)**

b) State and explain the role of operating systems in a computer   **(10 marks)**