



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: JUNE 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)**

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)**