



TECHNICAL UNIVERSITY OF MOMBASA

# Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

CERTIFICATE IN MASS COMMUNICATION

**EIT 1101: COMPUTER APPLICATION**

SPECIAL/SUPPLEMENTARY EXAMINATION

**SERIES: FEBRUARY 2013**

**TIME: 2 HOURS**

**Instructions to Candidates:**

You should have the following for this examination

- *Answer Booklet*

This paper consist of **FIVE** questions

Answer question **ONE (COMPULSORY)** 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) Using a diagram, explain the main components of a computer system. **(16 marks)**
- b) List **FOUR** views that can be processed by a computer. **(4 marks)**
- c) What factors should you consider when purchasing system software? **(10 marks)**

**Question Two**

Describe how the following works and their importance to media student.

- (i) WIFI
- (ii) Video Conferencing
- (iii) Telecommuting
- (iv) Cloud Computing **(20 marks)**

**Question Three**

- a) Discuss the major features which are common in almost all Microsoft office suite. **(10 marks)**
- b) Why are almost all organizations computerizing? **(10 marks)**

**Question Four**

- a) Define the term virus **(2 marks)**
- b) What are the major symptoms of virus? **(8 marks)**
- c) Differentiate between:
  - (i) RAM and ROM
  - (ii) Application Software and System Software
  - (iii) Impact and Net Impact Printers **(6 marks)**
- d) Describe **TWO** major types of operating system? **(4 marks)**

**Question Five**

- a) Discuss the impacts of computers under the following:
  - (i) Cultural impact
  - (ii) Behavioral impact
  - (iii) Political impact
  - (iv) Social impact
  - (v) Economical impact **(10 marks)**
- b) Discuss the major characteristics of information. **(10 marks)**