



THE TECHNICAL UNIVERISTY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

CERTIFICATE IN MASS COMMUNICATION

EIT 1101: 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) Why is IT regarded as resource? **(8 marks)**
- b) What is the importance of studying computer? **(6 marks)**
- c) Write short notes under:
 - (i) OMR
 - (ii) OCR
 - (iii) MICR
 - (iv) Bar code readers **(8 marks)**
- d) Giving examples, explain input devices and output devices. **(8 marks)**

Question Two

- a) Using a diagram, explain software as used in computing. **(16 marks)**
- b) Why do we connect computers to the network in a media house? **(4 marks)**

Question Three

- a) Describe the features of new soft suite which are common to all applications. **(10 marks)**
- b) What are the advantages of using PowerPoint presentation package? **(10 marks)**

Question Four

- a) What factors do you consider before purchasing a computer system and printers. **(10 marks)**
- b) Discuss **TWO** types of printers currently in use. **(10 marks)**

Question Five

- a) Identify and explain **THREE** parts that makes up a computer system. **(9 marks)**
- b) Define the term system software. **(3 marks)**
- c) Discuss the use of computers in the following industries:
 - (i) Media
 - (ii) Hospitals
 - (iii) Supermarkets
 - (iv) Banks **(8 marks)**