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

<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)

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 company.   **(16 marks)**

b) Why do we connect computers to the network?   **(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?   **(10 marks)**

Question Four

a) What factors do you consider before purchasing a computer system?   **(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)**