**KIBABII UNIVERSITY COLLEGE**
*(A Constituent College of MasindeMuliro University of Science Technology)*
P.O. Box 1699-50200 Bungoma, Kenya
Tel. 020-2028660/0708-085934/0734-831729
E-mail: enquiries@kibabiiuniversity.ac.ke

# UNIVERSITY REGULAR EXAMINATIONS

## 2013 /2014 ACADEMIC YEAR

## 1ST YEAR 1ST SEMESTER EXAMINATIONS

## (MAIN EXAMINATION)

## FOR THE DIPLOMA IN INFORMATION TECHNOLOGY

**COURSE CODE:** DIT 057

**COURSE TITLE:** COMPUTER SYSTEMS MAINTENANCE

**DATE:** 12TH MAY,2014        **TIME:** 2:00P.M. – 4:00P.M.

_____

**INSTRUCTIONS TO CANDIDATES:**

Attempt question **ONE (1)** and **ANY TWO (2)** other questions from section B.

**Question one**

1. Briefly explain the following types of memory.           (12 marks)
    a. ROM
    b. PROM
    c. PROM
    d. EEPROM
2. Explain Hardware Boot Process.           (8 marks)
3. What are sample weekly and monthly maintenance procedures?   (10 marks)

**Question Two**

1. Discuss FIVE basic components of a hardware           (10 marks)
2. How are POST errors displayed in a computer system?     (10 marks)

**Question Three**

1. Discuss three main categories of software?          (6 marks)
2. Explain ways in which you can use to updating software     (12 marks)

3. Define the term hard disk fragmentation?          (2 marks)

**Question four**
1. Describe how to connect the power supply, replacement of the cover and connection of the external cables?          (10 marks)
2. Outline the general problems categorized with printers?     (6 marks)
3. Explain the function of the following commands          (4 marks)
    a. FORMAT
    b. FDISK

**Question  Five**

1. State and explain THREE harddisk utility tools          (4 marks)
2. Explain the motherboard installation procedure        (16 marks)