KIBABII UNIVERSITY COLLEGE
(constituent college of MMUST)

UNIVERSITY EXAMINATIONS

2013/2014 ACADEMIC YEAR

First YEAR Second SEMESTER EXAMINATIONS
Supplementary

FOR THE DEGREE
OF
Master of Science In Information Technology

COURSE CODE: MIT 822

COURSE TITLE: Information Security Management

DATE: **TIME: 3 Hours**

INSTRUCTIONS

- Answer **QUESTION ONE a**nd attempt **ANY OTHER TWO** questions from the following five questions

Question one (20 marks)
(a) Explain what disaster recovery is   2 marks
(b) You have been hired as a data recovery consultant company discuss how you could
    (i)   Identify the critical Data
    (ii)   Develop a back up plan
    (iii)   Implement the disaster recovery plan   18 marks
Question two (20 marks)
(a) Explain the classification of controls in an Audit environment   **4 marks**
(b) Suggest some criteria for deciding on an appropriate audit methodology and using this criteria suggest with reasons when either of two audit methodology is appropriate

8 marks

(c) Discuss how you could carry out an audit for operation and maintenance   **8 marks**

Question three(20 marks)

You have been hired as consultant by Kibabii University college to develop an ICT policy , suggest

(I)   how you could go about developing the policy

(ii)   Key Components of policy and for each component suggest hypothetical policies

20 marks

Question Four (20 marks)

Discuss the key aspect of a security architecture

Question Five (20 marks)

(a) It has been suggested that we require a different approach to security management other than the traditional approach. Discuss   **10 marks**

(b) Physical control are a waste of time in modern era , discuss   **10 marks**