JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

UNIVERSITY EXAMINATION 2012/2013

2ND YEAR 1ST SEMESTER EXAMINATION FOR THE DEGREE OF MSC IN IT SECURITY AND AUDIT

KISUMU LEARNING CENTRE

COURSE CODE: IIT 5216

TITLE: DISASTER MANAGEMENT

DATE: 19/4/2013   TIME: 9.00-12.00NOON

DURATION: 3 HOURS

<u>INSTRUCTIONS</u>

1. **This paper contains FIVE (5) questions**
2. **Answer question 1 (Compulsory) and ANY other 2 Questions**
3. **Write all answers in the booklet provided**

1. a) What do you understand by the term disaster management?   (2 marks)

   b) Outline three methods used in identifying disaster (18 marks)

2. a) Use examples to distinguish between external and internal threats in disaster management (4 marks)
   b) Briefly explain the reason that would possibly drive an organization to carry out risk management? (16 marks)

3. Use the scenario below to answer the questions that follow.

   A secondary school in Bondo County, located at the shore of Lake Victoria, plans to build a computer laboratory. The school intends to employ the services of a local electrician to assist in wiring the networking cables. Due to the financial constraints, the management intends to purchase used computer desktops and pirated software.

   a) Identify four possible threats that the school is most likely be confronted with (8 marks)
   b) Outline four contingency measures that the school has to plan for (12 marks)

4. Suggest four key stages in Disaster Management and point out how they fit in the management of a disaster. (20 marks)

5. Write down a small project plan and use your project to;
   a) Identify three possible risks involved   (6 marks)
   b) List down all the possible strategies to manage the risks. (14 marks)

6. a) Distinguish between the terms business continuity and recovery plans in an organization   (2 marks)
   b) Explain how cloud computing can be used to promote business continuity after a disaster   (8 marks)
   c) Identify and explain two drawbacks of cloud computing as applied to business continuity. (10 marks)