The Co-operative University of Kenya

END OF SEMESTER EXAMINATION MAY -2019

EXAMINATION FOR THE DEGREE OF BACHELOR OF DISASTER RISK MANAGEMENT

UNIT CODE: CODM 2417

UNIT TITLE: NEW AND EMERGING DISASTERS

DATE: 3RD MAY, 2019   **TIME: 2:00 PM – 4:00 PM**

INSTRUCTIONS:
Answer question **ONE (compulsory)** and any other **TWO** questions

QUESTION ONE
  (a) Discuss how disasters attributed to climate change are affecting key sectors in 21st Century.   (10 marks)
  (b) Discuss FIVE dissemination modes of bioterrorism agents   (10 marks)
  (c) Explain using examples how biological warfare differs from bioterrorism (8 marks)
  (d) Discuss how *passive* or *active* surveillance could help in early detection of infectious disease disaster   (2 marks)

QUESTION TWO
  (a) What is Bio Watch and how is it used to monitor emerging disasters?   (10 marks)
  (b) Discuss how various groups are vulnerable and at risk to infectious disease disasters?
                                                                    (10 marks)

QUESTION THREE
  (a) Discuss TEN projected changes in extreme climate phenomena, showing projected impacts   (10 marks)
  (b) Explain using relevant examples how climate change contributes to displacement crisis in 21st Century   (10 marks)

QUESTION FOUR
  (a) Discuss the importance of FIVE social distancing methods used to control and prevent spread of diseases   (10 Marks)
  (b) Explain contributions of population growth and technology to disasters   (10 Marks)

QUESTION FIVE
  (a) Discuss the importance of risk perception and difficulties in assessing risks scientifically   (12 marks)
  (b) Explain FOUR Factors influencing agent choice by terrorists   (8 marks)