



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE (ENVIRONMENTAL HEALTH)

HEH 306: ENVIRONMENTAL HEALTH INFORMATION SYSTEMS

DATE: Thursday 29th March 2012

TIME: 8.00a.m – 10.00a.m

INSTRUCTIONS

SECTION A: Answer ALL questions (20 marks)

1. Giving examples, define the following:
 - a) Information [1mark]
 - b) Health informatics [2marks]
 - c) Health communication [2marks]
2. Explain how E-health and M-health can enhance health care delivery and management systems. [5marks]
3. State and explain advantages of health informatics. [5marks]
4. Explain the origins of spatial analysis with reference in Dr. John Snow. [5marks]

SECTION B: Answer ONE and any other TWO (50 marks)

5. As a health professional, you have been requested to be part of a health promotion team responsible for the designing of health messages in both electronic and print media. Discuss the attributes you will ensure are incorporated in health messages for effective communication. [20marks]
6. Discuss the utility of Geographical Information Systems (GIS) in Environmental Health. [15marks]
7. Using diagrams, discuss an information system model. [15marks]
8. Discuss the qualities of good information and highlight how these qualities enhance health informatics. [15marks]