



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR:

BACHELOR OF SCIENCE IN COMMUNITY HEALTH

APH 4401 : HEALTH INFORMATION SYSTEM

END OF SEMESTER EXAMINATION

SERIES: APRIL 2016

TIME: 2 HOURS

DATE: Pick Date Select Month 2016

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** Question(s). Attempt question ONE (Compulsory) and any other TWO questions.

Do not write on the question paper.

Question ONE

(i) Define the following terminologies as used in Health Information System.

- a. Health
 - b. Monitoring
 - c. Data
 - d. Budget
 - e. Cost
- (5 marks)

(ii) a. Describe the types or categories of Health Information System.
(5 marks)

b. State four common problems of Health Information System.

(5marks)

(iii) a. Describe five points of collection of data for health information

(5 marks)

b. Describe any three methods and technologies for data collection at the community level

(5 marks)

c. Explain five determinants and show clearly how they affect health.

(5 marks)

Question TWO

A Health Information System Administrator is a very important element in a Health System.

Discuss this giving the several roles of Health Administrator.

(20 marks)

Question THREE

A Health Information should have some specific qualities. Discuss the different qualities involved to perfect an information.

(20 marks)

Question FOUR

There is variety of data in health information system ranging from birth, morbidity and mortality data and even health personnel. All these can be divided in Health Information Domain. Discuss.

(20 marks)

Question FIVE

The world health organization (WHO) argues that investment in health information system now could include multiple benefits. Discuss explain all the benefits you can remember

20 marks