TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF ENVIROMENT & HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR:

BACHELOR OF SCIENCE IN COMMUNITY HEALTH

APH 4401 : HEALTH INFORMATION SYSTEM

END OF SEMESTER EXAMINATION

SERIES:APRIL2016

TIME:2HOURS

DATE:Pick DateSelect Month2016

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). Attemptquestion ONE (Compulsory) and any other TWO questions.
Do not write on the question paper.

Question ONE

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

  a. Data
  b. In formation
  c. Health
  d. Evaluation
  e. Reliability
    (5 mrks)

(ii) State 5 goals/uses of Health Information System.
(5 mrks)

(iii) a. Innumerate five points of collection of data for health.
(3 mrks)

b. Describe two types of Health Information System.
(5 mrks)

c. (i) State four common problems of Health Information System.
(5 mrks)

(ii) Show the distinct differences between monitoring and evaluation.
(5 Marks)

Question TWO

An electronic medical record (EMR) is a digital medical record that either originates from an electronic format or is converted from paper or hard copy to an online version. Discuss this explaining the element points of information involved

 (20 Marks)

Question THREE

   a. Health Information technology must beat several challenges if it has to go a smooth flow of the same. Discuss the challenges and show clearly the role they play in hindering the smooth an efficiency of Health Information System.

(10 Marks)

   b. Explain in full CERTIFICATION as used in Electronic Medical Records system

(10 Marks)

Question FOUR

Determinants of Health are many factors combining together to affect the health of individuals and community. Discuss.

(20 Marks)

Question FIVE

   a. The use of Electronic Medical records system is merged with several benefits. Discuss this elaborating all the benefits you know
   (10 arks)

b. In any sound Health Information System there should be an administrator who will be the co-ordinator for the system. Discuss his roles and responsibilities.
   10 Marks