



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR:

BACHELOR OF SCIENCE IN COMMUNITY HEALTH

BSCH/14S/YEAR 4/ SEMESTER 1

APH 4401 HEALTH INFORMATION SYSTEM

SPECIAL/ SUPPLEMENTARY EXAMINATIONS

SERIES: SEPTEMBER 2018

TIME: 2 HOURS

Instructions to Candidates

This paper consists of FIVE questions

Answer question ONE (COMPULSORY) and any other TWO questions.

This paper consists of two printed pages.

Mobile phones are NOT allowed in the examination room

Question ONE

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

a. Information

b. Monitoring

c. Data

d. Information system

e. Evaluation

(5 marks)

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

(5 marks)

(iii) a. State four common problems of Health Information System.

(5 marks)

b. Describe five points of collection of data for health information

(5 marks)

- (iv) a. Describe any three methods and technologies for data collection at the community level (5 marks)
- b. Outline uses of information. (5 marks)

Question TWO

Discuss qualities and characteristics of good data/ information. (20 marks)

Question THREE

- a. Discuss the various sources of data for Health information systems. (10 marks)
- b. Describe the performance or outputs of the health system. (10 marks)

Question FOUR

Discuss the challenges of health information systems (10 marks)

Explain briefly measures of ensuring data/ information security. (10 Marks)

Question FIVE

- a. Discuss the various inputs to the health system and related processes. (10 marks)
- b. Briefly explain the health outcomes in the use of health information system. (10 marks)