



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF PUBLIC HEALTH (MONITORING AND EVALUATION)

HPH 726: HEALTH MANAGEMENT INFORMATION SYSTEMS (HMIS)

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DATE: TUESDAY 3RD APRIL 2012

TIME: 9.00 A.M. – 12.00 P.M.

INSTRUCTIONS

Answer Question ONE and any other three.

Question 1

- a) Discuss the benefits of investing in a good health information system. (8 marks)
- b) Explain the importance of data as an organizational resource. (4 marks)
- c) You have been requested to draft a Request for proposal (RFP) to develop and Implement a health Information system in your organization. Explain the contents of the RFP. (15 marks)
- d) There is a limited application of clinical information system (CIS) to support health care in Kenya.
 - i) Describe the current and emerging issues on the use of CIS (12 marks)
 - ii) Outline the contents of a typical Clinical Information System. (5 marks)
 - iii) Explain in detail examples of clinical information system (CIS) (6 marks)

(Total – 50 marks)

Question 2

Describe the strategies of improving health data quality in district health facilities. (30 marks)

Question 3

Confidentiality of personal health information is guaranteed in healthy facility. Discuss how this is done. (30 marks)

Question 4

Discuss the components of a well-designed computer-based patient record system for a rural health facility in Kenya. (30 marks)

Question 5

You have been requested to advice on implementation of a Hospital Information system to support management. Describe the set of organizational roles that may be put in place to drive the process. (30 marks)