



KENYATTA UNIVERSITY

EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE IN HEALTH
INFORMATION MANAGEMENT

PHI 801: FUNDAMENTALS OF HEALTH INFORMATION MANAGEMENT

2ND SEMESTER 2022/2023

TIME: 3HOURS

INSTRUCTIONS:

SECTIONS A: (50 marks): Answer ALL questions

Question 1

- (a) Explain five key elements of an ideal health care system. (10 marks)
- (b) Illustrate four Domains of Health data in an Health Information System. (10 marks)
- (c) Explain four advantages of a functioning facility- based health information system. (10 marks)
- (d) Discuss five reasons why Kenya would need health Information System. (10 marks)
- (e) Explain five purposes of Health Information in spinal injury Healthcare Delivery. (10 marks)

SECTION B:(90 marks): Answer any 3 questions

Question 2

- (a) Explain five issues faced by routine Health Information Systems in Kenya. (15 marks)
- (b) Narrate the Steps Involved in Routine HIS Restructuring at a County Referral Hospital. (15 marks)

Question 3

- (a) Using illustrations, describe pervasive role of information in health services planning (15 marks)
- (b) Quality assessment for data generated in healthcare setting is necessary in demonstrating the capacity of data to support research conclusions. Using examples, describe five Data Quality Assessment Dimensions that determine fitness for health care research. (15 marks)

Question 4

- (a) Discuss five ways in which CBHIS supports Case management (10 marks)
- (b) Selection of the DDIU tools and approaches is an ongoing process that involves several interventions. Explain the Core DDIU tools approaches that you would apply as a health information manager at a children's Hospital. (20 marks)

Question 5

- (a) Describes the types of data needed at different levels of the healthcare system and indicate the tools used to capture that data. (15 marks)
- (b) Discuss five limitations of Facility Surveys as data source for health management information systems. (15 marks)