



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS

SPECIAL/SUPPLEMENTARY EXAMINATIONS
SECOND YEAR EXAMINATION FOR THE AWARD OF THE
DIPLOMA IN COMMUNITY NUTRITION AND DIETETICS
SECOND SEMESTER, 2021/2022
(JULY, 2022)

HEIS 0220: HEALTH INFORMATION SYSTEMS

STREAM: Y2 S2

TIME: 2 HOURS

DAY: MONDAY, 3:00 – 5:00 P.M.

DATE: 25/07/2022

INSTRUCTIONS

- 1. Do not write anything on this question paper.***
- 2. Answer ALL Questions. in Section A and any other TWO Questions in Section B.***

SECTION A: 40 Marks

- 1.Explain at least 5 methods of improving data quality. [5 marks]
- 2.Highlight the two principles that need to be emphasized during health information collection and use. [5 marks]
3. Mention at least five uses of health information. within the [6 marks]
4. Briefly describe the three different information systems health information system. individuals [5 marks]
5. In a typical health information system, there are various and field staffs involved. Name them.
- 6.Define the following terms as used in health information system. [5 marks]
 - a) Health information system
 - b) Information indicator
 - b) Survey
 - c) Routine data

7. Differentiate between monitoring and evaluation 4mks

8. Outline any 5 indicators used for monitoring and evaluation of health service 5mks

SECTION B 30MKS

1. Describe all the components of quality data 15mks

2. Discuss the various sources of health information 15mks

3. In the month of February of the report year, the health centre had the following activities in the patient. 15MKS

Occupied bed days = 380, admission = 400

Calculate the following statistics if the bed capacity of the health centre is 80 beds

A. PERCENTAGE OCCUPANCY

B. AVERAGE OCCUPANCY

C. TURN OVER INTERVAL

D. AVERAGE LENGTH OF STAY

E. TURN OVER PER BED