NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI - ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCES
2023_1 POP EXAMINATION

COURSE CODE: EHS 313
COURSE TITLE: ENVIRONMENTAL HEALTH INFORMATION SYSTEM
COURSE UNITS: 2 CREDIT UNITS
TIME ALLOWED: 1 ½ HOURS
TOTAL SCORE: 70 MARKS
INSTRUCTION: ANSWER **ALL** THE QUESTIONS

1a. Define Health according to World Health Organization. **(2Marks)**
1b. Outline five (5) Management information system that are very central to the achievement of Health programmes. **(5Marks)**
1c. What is Health Information System? **(2Marks)**
1d. Define the term Data. **(2Marks)**
1e. Geographic Information System (GIS) can be used in the determination of water quality. Enumerate nine (9) ways. **(9Marks)**

2a. State the relationship between data and health information system. **(3Marks)**
2b. State examples of Infrastructure and Surveillance. **(6Marks)**
2c. Define the term system. **(2Marks)**
2d. With the aid of a sketch, give an example of a system in vaccine delivery. **(7Marks)**
2e. Outline the major characteristics of good data. **(7Marks)**

3a. Define Open System in an Organization? **(3Marks)**
3b. Enumerate six (6) main sources of Health data. **(6Marks)**
3c. Write short notes on the methods of Data collection. **(3Marks)**
3d. Enumerate four (4) minimum categories of indicators for comprehensive monitoring and evaluation of health care. **(4Marks)**
3e. Discuss two uses of intranet? **(4Marks)**
3f. What is image processing. **(5Marks)**