



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**Plot 91, CADASTRAL ZONE, NNAMDI AZIKWE EXPRESSWAY, JABI, ABUJA**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE**  
**2024 1 EXAMINATION**

**COURSE CODE: EHS313**

**COURSE TITLE: ENVIRONMENTAL HEALTH INFORMATION SYSTEM**

**COURSE UNITS: 2 CREDIT UNITS**

**TIME ALLOWED: 1½ HOURS**

**TOTAL MARK: 70 MARKS**

**INSTRUCTION: ATTEMPT ALL QUESTIONS**

- 1a. Explain in details what you understand by the following: i. Global Spatial Data Infrastructure (GSDI) ii. Geographic information system (GIS). **10marks**
- 1b. What are the factors common to all types of teleconferencing **4marks**
- 1c. State any five (5) disadvantages of using the internet **5marks**
- 1d. Highlight six (6) areas in which GIS is supporting Infrastructure and Surveillance programs in Environmental Health **6marks**
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- 2a. Explain what you understand by network and network analysis **5 marks**
- 2b. Mention any eight (8) different area of applications of Geoinformatics **8 marks**
- 2c. Compare and contrast traditional libraries and digital libraries **7marks**
- 2d. Differentiate *Period* life tables and *Cohort* life tables **5marks**
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- 3a. Mention any eight (8) benefits of using electronic library **8 marks**
- 3b. List any four (4) examples of Internet teleconferencing **4marks**
- 3c. What factors fueled the continuing growth in the use of e-mail? **2marks**
- 3d. State the goal of environmental public health tracking According to CDC. **3 marks**
- 3e. What is Geographical Information System (GIS) **3marks**