



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja**  
**Faculty of Health Sciences**  
**Department of Environmental Health Sciences**  
**2022\_2 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. With the aid of a diagram, explain one way to represent environment from most inclusive to the most restrictive definition (7 Marks)
- 1b State environmental factors impacting on human health (6marks)
- 1c List Ten (10) typical programs and services in environmental health (10 Marks)
- 1d Define the term Information system (2 marks)
- 2a State five (5) Modern Information tools used for data collection? (5 Marks)
- 2b Outline the detail role of Geographic Information System (9 Marks)
- 2c According to WHO, State the Important roles Played by GIS in health Promotion and Protection (6Marks)
- 2d List five (5) wide variety of practical context of computer simulations (5 Marks)
- 3a Explain the term Life Table Techniques (4 marks)
- 3b Differentiate between periodic or static Life Tables and Cohort Life Table (5marks)
- 3c Outline the importance of Intranet Applications in Environmental Health Science (8 marks)
- 3d List four (4) advantages of internet in Environmental Health Sciences. **(8marks)**