



NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, CADASTRAL ZONE, NNAMDI AZIKWE EXPRESSWAY, JABI, ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE
2025_2 EXAMINATIONS

COURSE CODE: EHS505

COURSE TITLE: ENVIRONMENTAL EPIDEMIOLOGY

CREDIT UNIT: 2 CREDIT UNITS

TIME ALLOWED: 1 ½ HOURS

TOTAL SCORE: 70 MARKS

INSTRUCTION: ANSWER ALL QUESTIONS

1. a. Briefly explain total exposure assessment in environmental epidemiology **10 marks**
b. Elucidate on different types of biological markers in providing information on exposure **10 marks**
c. Explain the uses of Geographic Information System (GIS) in environmental epidemiology **10 marks**

2. a. Succinctly explain the role of vital statistics in environmental epidemiology **10 marks**
b. List and explain any 2 methods of soil pollution control **10 marks**

3. a. Discuss the role of application of technology to environmental exposure **10 marks**
b. Explain how large data expected in the future affect environmental research design **10 marks**