



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI - ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE
2025_2 EXAMINATIONS.

COURSE CODE: EHS313

COURSE TITLE: ENVIRONMENTAL HEALTH INFORMATION SYSTEM

COURSE CREDIT UNIT: 2 CREDIT UNITS

TOTAL SCORE: 70 MARKS

TIME ALLOWED: 1 ½ HOURS

INSTRUCTION: ANSWER ALL QUESTIONS

1. (a) Briefly describe the term “environment” **5 marks**
(b) Discuss how the environment impacts human health via air medium **5 marks**
(c) Enumerate ten (10) activities that subnational Environmental Agencies engage in **10 marks**

2. (a) Define Environmental health information system **5 marks**
(b) Discuss the benefits of environmental information system, with a mention of modern tools used for data collection **10 marks**
(c) Enumerate the benefits of the Environmental public health tracking network **10 marks**
(d) List five (5) uses of computer simulations in practical contexts **5 marks**

3. (a) List how GIS can be used to provide essential environmental public health services **10 marks**
(b) List five (5) examples each of how GIS can be used to improve:
(i) Outdoor air quality **5 marks**
(ii) Water quality **5 marks**