



NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, Cadastral Zone, National Azikiwe Expressway, Jabi-Abuja
FACULTY OF HEALTH SCIENCES
(Department of Environmental Health Science)
2021_2 EXAMINATION

Course Code: EHS 505

Course Title: ENVIRONMENTAL EPIDEMIOLOGY

Course Unit: 2

Time Allowed: 1 ½ Hours

Total Score: 70 Marks

Instruction: Answer ALL the Questions

Question 1

- (a) What is Epidemiology? 5 marks
- (b) Write short notes on each of the following: 15 marks
 - i. Agent
 - ii. Sensitivity
 - iii. False positive
 - iv. Maternal mortality rate
 - v. Odds ratio
- (c) Discuss geographic information system 10 marks

Question 2 Discuss each of the following:

- (a) Time series analysis 10 marks
- (b) Trend analysis 10 marks
- (c) List 4 methods of Risk Assessment Process 4 marks

Question 3

- (a) In each case, enumerate four effects of soil pollution to agriculture and industries 8 marks
- (b) Define Cluster 5 marks
- (c) List 3 Three categories of clusters 3 marks