



NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi – Abuja
FACULTY OF HEALTH SCIENCES
2023_2 EXAMINATIONS

Course Code: EHS 515

Course Title: Pollution Control

Course Unit: 2 Credit Units

Time Allowed: 1 ½ Hours

Total Score: 70 Marks

Instruction: Answer All the Questions.

- 1 (a) What are the three (3) factors that determine the severity of a pollutant
(6 Marks)
- (b) Explain the following terms
- (i) Stock Pollutants **(2 Marks)**
 - (ii) Fund Pollutants **(2 Marks)**
- (c) Write short notes on the following terms
- (i) Biological Pollutants **(2 Marks)**
 - (ii) Physical Pollutants **(2 Marks)**
 - (iii) Air Pollution **(2 Marks)**
 - (iv) Precipitation Pollution **(2 Marks)**
 - (v) Surface Water Pollution **(2 Marks)**

Total = 20 Marks

- 2 (a) List and Explain the layers of the atmosphere **(10 Marks)**
- (b) Mention five (5) physical properties of Soil in order of decreasing importance **(5 Marks)**
- (c) Define Soil Pollution and give three (3) examples of soil pollutants **(5 Marks)**
- (d) List five (5) impact of soil pollution on people living near polluted land **(5 Marks)**

Total = 25 Marks

- 3 (a) Explain the mechanism of Nutrient uptake **(5 Marks)**
- (b) List and Explain five (5) points of food contamination **(10 Marks)**
- (c) Write short notes on Stationary/point sources and Diffuse/mobile sources of Air Pollution **(5 Marks)**
- (d) Mention the three (3) major natural causes of Air pollution and explain any two (2) **(5 Marks)**

Total = 25 Marks