



NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, CADASTRAL ZONE, NNAMDI AZIKWE EXPRESSWAY, JABI, ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE
2025_1 EXAMINATION...

COURSE CODE: EHS507

COURSE TITLE: ENVIRONMENTAL HEALTH LABORATORY

COURSE UNITS: 2 CREDIT UNITS

TIME ALLOWED: 1 ½ HOURS

TOTAL SCORE: 70 MARKS

INSTRUCTION: ANSWER ALL QUESTIONS

- 1 (a) What is a chemical pollutant? **5 marks**
(b) Write briefly on the sources of chemical pollutants **5 marks**
(c) Highlight the adverse effects of chemical pollution **10 marks**

- 2 (a) Write short notes on;
i. Bacteriology **4 marks**
ii. Virology **4 marks**
iii. Fungi **4 marks**
iv. Moulds **4 marks**
v. Yeast **4 marks**
(b) How do you prevent contamination of cultures on the environment? **5 marks**

- 3 (a) Discuss Integrated Pest Management (IPM) **7 marks**
(b) Briefly explain the following terms under Integrated Pest Management (IPM)
i. Inspection **2 marks**
ii. Preventive Action **2 marks**
iii. Identification **2 marks**
iv. Analysis **2 marks**
v. Treatment Selection **2 marks**
vi. Monitoring **2 marks**
(c) Differentiate between biodegradable and non-biodegradable pesticides **6 marks**