



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 |