



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**Plot 91, CADASTRAL ZONE, NNAMDI AZIKWE EXPRESSWAY, JABI, ABUJA**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE**  
**2025\_2 EXAMINATIONS**

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**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**

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|---|---|-----------------|
| 1 | (a) What is environmental chemistry?  | <b>4 marks</b>  |
|   | (b) Write briefly on theoretical background to the study of environmental chemistry | <b>10 marks</b> |
|   | (c) Mention three (3) tools the study of environmental chemistry emphasizes         | <b>6 marks</b>  |
| 2 | (a) Write briefly on the following environmental pollutants;                        |                 |
|   | i. Industrial wastes  | <b>3 marks</b>  |
|   | ii. Urban wastes  | <b>3 marks</b>  |
|   | iii. Agricultural practices   | <b>3 marks</b>  |
|   | iv. Radioactive pollutants  | <b>3 marks</b>  |
|   | (b) Highlight the remedy to environmental waste?                                    | <b>8 marks</b>  |
|   | (c) Discuss endoparasites   | <b>5 marks</b>  |
| 3 | (a) Describe pest as detrimental organisms to plant and animal                      | <b>5 marks</b>  |
|   | (b) Give five (5) category of pest and their characteristics                        | <b>10 marks</b> |
|   | (c) List five (5) major insect-borne diseases and their vectors                     | <b>10 marks</b> |