



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

COURSE CODE: EHS317

COURSE TITLE: SOLID WASTE MANAGEMENT

COURSE UNITS: 2 CREDIT UNITS

TIME ALLOWED: 1 ½ HOURS

TOTAL SCORE: 70 MARKS

INSTRUCTION: ANSWER ALL QUESTIONS

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| 1 (a)i. Give a detailed description of how paper waste is recycled | 3 marks |
| (a)ii. Write short note on three (3) categories of paper that can be used as feed stocks for making recycled paper | 3 marks |
| (b) Outline the five (5) steps in paper recycling | 10 marks |
| (c) State any four (4) advantages and disadvantages of sanitary landfill | 4 marks |
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| 2(a) In a tabular form, describe the incineration flow chart | 10 marks |
| (b)i. Highlight six (6) main components of a landfill | 3 marks |
| (b)ii. Briefly explain any three (3) of the above | 6 marks |
| (c) Briefly explain the three (3) stages of anaerobic digestion of the organic waste matter | 6 marks |
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| 3(a) Define waste minimisation. Include other definition to support your answer | 5 marks |
| (b) Outline with a short note the five (5) pprocesses of waste minimisation | 10 marks |
| (c) What is hog feeding? | 4 marks |
| (d) Outline any three (3) advantages and three (3) disadvantages of hog feeding | 6 marks |