



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

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
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
3(a) Define waste minimisation. Include other definition to support your answer	5 marks
(b) Outline with a short note the five (5) processes 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