



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**