



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI - ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE
2025_2 EXAMINATIONS

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) Define solid waste according to the Vermont Solid Waste Management Rules (2002) **3 marks**
- (b) List and describe 3 types of solid waste **6 marks**
- (c) Source of solid waste depends on the location and types of human activity being carried out discuss 5 sources of solid waste. **10 marks**
- 2 (a) Write a brief note on the following; **8 marks**
- i Municipal Solid Waste
 - ii Hazardous Waste
 - iii Hospital Waste (Medical Waste)
 - iv Street Waste
- 2(b) List any 6 sources of solid waste **6 marks**
- (c) Polluter Pays Principle (PPP) holds that waste disposal facilities must not be paid by tax payers' money, but by the polluter. Elaborate on the term (PPP). **5 marks**
- (d) Highlight 3 effects of solid waste on the environment **3 marks**
- 3 (a) Enumerate 5 objectives of solid waste management **5 marks**
- (b) Explain the term solid waste management **5 marks**
- (c) Write a short note on waste recycling **6 marks**
- (d) Highlight the 3 phases of the recycling process **3 marks**
- (e) Highlight and briefly explain 5 processes of waste minimization **10 marks**