



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKWE EXPRESSWAY, JABI, ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE
2024 1 EXAMINATION

COURSE CODE: EHS317
CREDIT UNIT: 2 CREDIT UNITS
COURSE TITLE: SOLID WASTE MANAGEMENT
TIME ALLOWED: 1½ HOURS
TOTAL MARKS: 70 MARKS
INSTRUCTIONS: ANSWER ALL QUESTIONS

1. a. List four traditional solid waste disposal methods **2Marks**
b. State five advantages and the disadvantages of burial method of solid waste **10Marks**
c. Describe open dumping method of solid waste **3Marks**
d. State three advantages and six disadvantages of open dumping method of solid waste **9Marks**
- 2.a. State the applicability of over ground heap **3Marks**
b. Itemize the use and maintenance of the heap **10Marks**
c. Describe vermi composting **4Marks**
d. List six (6) advantages of vermi composting **6Marks**
- 3a. Highlight the guiding principles of integrated waste management **16Marks**
b. State any seven (7) specific effects of solid waste on human health **7Marks**