



NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, Cadastral Zone, National Azikiwe Expressway, Jabi-Abuja
FACULTY OF HEALTH SCIENCES
(Department of Environmental Health Science)
2022_2 EXAMINATIONS

Course Code: EHS 317
Course Title: SOLID WASTE MANAGEMENT
Course Unit: 2 Credit Units
Time Allowed: 1 ½ Hours
Total Score: 70 Marks
Instruction: Answer ALL the Questions

1(a) Itemize five (5) ways of waste minimization **(2.5mks)**

1(b) What is waste recycling? **(2.5mks)**

1(c) Identify the advantages of waste recycling as it affects

The Management of waste **5marks**

The Economy **4marks**

The Environment **4marks**

2a) With the aid of a diagram **(2mrks)**, explain the hierarchy **(8mrks)** of integrated waste management **Total (10mks)**

2b) Enumerate **(4)** four effects of solid waste **(2mks)**

2c) Explain the need for waste analysis in Environmental Management **(6marks)**

3a) Briefly explain the major goals of Integrated Waste Management (IWM) **(4mks)**

3b) Discuss economic effects of waste management **(6mks)**

3c) Succinctly discuss **(10)** ten important effects of solid waste on human health? **(20mks)**

3d) Mention and explain **(4)** four sources of solid wastes **(4mks)**