



NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, Cadastral Zone, Nnamdi Azikwe Expressway, Jabi, Abuja
FACULTY OF SCIENCES

DEPARTMENT OF ENVIRONMENTAL SCIENCE AND RESOURCE MANAGEMENT
2024_2 EXAMINATION

COURSE CODE: ESM 346

CREDIT UNIT: 2

TIME ALLOWED: 2 Hours

COURSE TITLE: ENVIRONMENTAL PLANNING AND MANAGEMENT

INSTRUCTION: Attempt question number one (1) and any other three (3). *Question number one (1) is compulsory and carries 30 marks, while the other questions carry equal marks (20) each*

- 1a. Explain the term planning (5marks)
- 1b. As an environmentalist, discuss the nature of planning in environmental planning and management (25marks)

2. Discuss the human factors responsible for Environmental imbalance of the ecosystem (20marks)

- 3a. Describe the urban community (5marks)
- 3b. State the characteristics of urban community (15marks)

- 4a. Waste generation, handling and disposal are a daily event. Discuss this statement with examples (10marks)
- 4b. Discuss the way forward for urban Solid Waste Management (10marks)

- 5a. Mention any 10 sources of soil pollution (10marks)
- 5b. Discuss the effects of soil pollution (10marks)