



NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF SCIENCES
DEPARTMENT OF ENVIRONMENTAL SCIENCE AND RESOURCE MANAGEMENT
Plot 91, Cadastral Zone, Nnamdi Azikwe Expressway, Jabi, Abuja
2020_2 EXAMINATIONS ...

COURSE CODE: ESM324

COURSE TITLE: Urban Environmental Management

CREDIT: 2 Units

TIME ALLOWED: 2 Hours

Instruction: Attempt question number ONE (1) and any other THREE (3) questions. Question number one (1) carries 25 marks, while the other questions carry (15) marks each.

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| 1a. Define the term waste | [2 marks] |
| b. Give three examples of waste materials | [3marks] |
| c. Describe the term solid wastes | [2 marks] |
| di. List some examples of hospital wastes. | [3 marks] |
| ii. Enumerate type of waste disposal methods | [3 marks] |
| iii. What are the effects of poor waste disposal? | [3 marks] |
| ei. State briefly National Urban policy for Nigerians. | [4 marks] |
| ii. State the problems created by rapid growth of urban populations | [3 marks] |
| fi. Explain briefly Urban Waste Management. | [2 marks] |
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| 2a. State reasons for poor waste management. | [2 marks] |
| b. State the procedures for urban renewal. | [3 marks] |
| c. Differentiate between Distribution and Settlement. | [4 marks] |
| ii. Briefly classify settlements. | [4 marks] |
| d. Differentiate between Urbanization and Urbanism. | [2 marks] |

- 3a. State the economic advantages of the Urban Environment. [2 marks]
- b. Explain briefly Urbanization processes. [3 marks]
- c. State Urban Land Use patterns . [4 marks]
- d. Describe the characteristics of concentric zone modal. [2 marks]
- e. Describe the term Shelter. [4 marks]
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- 4a. What is Housing? [2 marks]
- b. Enumerate the strategies for Urban housing development. [3 marks]
- c. Explain briefly housing provisions in Urban areas [4 marks]
- d. What are the factors affecting Urban Housing provision [2 marks]
- e. Define the term slum. [4 marks]
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- 5a. State briefly types of slum. [2 marks]
- b. Explain briefly Urban renewal. [3 marks]
- c. What are the activities involved in urban renewal. [4 marks]
- d. State the steps for slum clearance/ Urban renewal. [2 marks]
- e. Define the term Environmental sustainability. [4 marks]