



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NATIONAL AZIKIWE EXPRESSWAY, JABI-ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE
2025_1 EXAMINATION...

COURSE CODE: EHS413

COURSE TITLE: URBAN PLANNING AND SUSTAINABLE DEVELOPMENT

COURSE UNIT: 2 CREDIT UNITS

TIME ALLOWED: 1 ½ HOURS

TOTAL SCORE: 70 MARKS

INSTRUCTION: ANSWER ALL THE QUESTIONS

- 1a Discuss étatist theories as one of the types of theory in the urban theories **5 marks**
- 1b Explain the two forms of informal/alternative forms of urban land delivery and development **5 marks**
- 1c Discuss urbanization and environmental change **10 marks**
- 2a List any 5 Issues of environmental concerns in urban centres **5 marks**
- 2b Discuss Tools for urban ecosystems analysis **10 marks**
- 2c List the eight (8) numbers of the effects of population development and environmental exploitation by human populations **8 marks**
- 2d Define urban design **2 marks**
- 3a Discuss Principle 1 (Economy of resources) as a principle of sustainable design **10 marks**
- 3b Explain passive heating and cooling as a form of energy conservation **5 marks**
- 3c Under the pre-building phase, discuss the use of materials made from renewable resources **5 marks**
- 3d List any 5 specific objectives of National Land Policy **5 marks**