



**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