



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**PLOT 91, CADASTRAL ZONE, NATIONAL AZIKIWE EXPRESSWAY, JABI-ABUJA**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE**  
**2025\_2 EXAMINATIONS**

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**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**

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|---|-----------------|
| 1a Discuss the pre-colonial era in urban land, planning and governance regime                           | <b>5 marks</b>  |
| 1b List and explain any five (5) types of theories in urban planning                                    | <b>15 marks</b> |
|   |                 |
| 2a List the five (5) issues of environmental concerns in urban centers                                  | <b>5 marks</b>  |
| 2b Discuss City as an ecosystem   | <b>8 marks</b>  |
| 2c List seven (7) effects of population development and environmental exploitation by human populations | <b>7 marks</b>  |
| 2d List any five (5) categories of land on the basis of land use pattern                                | <b>5 marks</b>  |
|   |                 |
| 3a Discuss any two principles of sustainable design   | <b>10 marks</b> |
| 3b Discuss the two methods for achieving water conservation   | <b>10 marks</b> |
| 3c Briefly explain policy development processes   | <b>5 marks</b>  |