



**BOWEN UNIVERSITY**  
(Of the Nigerian Baptist Convention)  
IWO

**College of Environmental Science (COEVS)**  
FIRST SEMESTER EXAMINATION, 2022/2023  
ARCHITECTURE PROGRAMME  
ARC 311: INTRODUCTION TO URBAN DESIGN (2 UNITS)

**INSTRUCTION: Answer question ONE (1) and any THREE (3) Questions.**

**TIME ALLOWED: 2 hours**

Use well labeled diagram(s) where applicable

**WARNING: Please note that you are not allowed to bring mobile phone(s) into the examination hall. Non-compliance will amount to examination misconduct and attract stiff penalty.**

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- 1(a) What is Urban Design? **(5 marks)**
- (b) Describe the community morphology of Bowen University in the context of its physical forms, architecture and developmental pattern. **(5 marks)**
- (c) List five (5) factors urban design considers? **(5 marks)**
- (d) Highlight five (5) objectives of urban design. **(5 marks)**
- (e) According to Kelvin Lynch, highlight five (5) parameters of urban design in city planning. **(5 marks)**
- 2a. Explain the following parameters of urban city according to Gordon Cullen;
- (i) Serial Vision
- (ii) Place
- (iii) Content **(9 marks)**
- 2b. Describe the Urban Morphology of Abuja city in the context of its physical form and development. **(6 marks)**
- 3a. Describe the eight (8) stages of urban design process and show its chart connection. **(8 marks)**
- 3b. What is Urban Design Theory and mention its three (3) approaches. **(7 marks)**
- 4a. Highlight five (5) main elements of Urban Design. **(10 marks)**
- 4b. Mention two (2) types of Urban Model. **(5 marks)**
- 5a. Highlight six (6) characteristics of Urban Design. **(12 marks)**
- 5b. The concept of urban form encompasses also non-physical aspect such as density. Discuss. **(3 marks)**
- 6a. Describe the term "Urban Form" and "Urban Morphology". **(10 marks)**
- 6b. Explain the five (5) basic phases of Urban Design. **(5marks)**