



College of Environmental Science (COEVS)

SECOND SEMESTER EXAMINATION, 2023/2024
ARCHITECTURE PROGRAMME
ARC 312: LANDSCAPE ARCHITECTURE (2 UNITS)

INSTRUCTION: This paper contains six questions. **Answer any FOUR (4) Questions.**

TIME ALLOWED: 2 hours

Use well labelled 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.

1. a. The Director of Students' Affairs of Duncan University conducted a pilot survey which revealed the consistent ill health and poor performances of their students. The school authority called on different professionals to advise them and as a Landscape Architect what would be your possible solution with reasons? (10 marks)
b. Plants serve several functions in landscape planning. Explain this statement. (5 marks)
c. Why do should we practice the use of native plants for our landscaping? (2.5 marks)
2. a. Discuss extensively the principles guiding the practice and study of Landscape Design with examples (10 marks)
b. Explain the impact of micro-climate on Nigeria landscape design. (5 marks)
c. Briefly discuss the origin of landscape architecture and its definition according to the International Federation of Landscape Architecture (IFLA) (2.5 marks)
3. a. Colours have properties that can affect man's emotions, value, focal points, light quality, balance, and spatial perception. Explain. (10 marks)
b. Analyse the interplay of scale, proportion, rhythm, balance, and perspective in creating a cohesive landscape design. Provide examples to illustrate your points. (5 marks)
c. List factors to consider when choosing colour in landscape design? (2.5 marks)
4. a. Discuss the importance of site planning in the relationship between landscape architecture and buildings (10 marks)
b. There are three activities within the broad definition of landscape architecture. Explain these activities (5 marks)
c. List different types of plants found in the tropical region of Nigeria and their importance in landscape design. (2.5 marks)
5. a. Describe the difference between hardscape and softscape elements in landscape architecture with their benefits and examples where applicable. (12 marks)
b. Explain factors you must consider when landscaping buildings. (5.5 marks)
6. a. What impact will improper drainage have on landscape design and suggest measures to mitigate these impacts? (10 marks)
b. Discuss the interdisciplinary nature of landscape architecture and its importance. (7.5 marks)