



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

College of Environmental Science (COEVS)

FIRST SEMESTER EXAMINATION, 2023/2024

DEPARTMENT OF ARCHITECTURE

ARC 101: INTRODUCTION TO ARCHITECTURE (2 UNITS)

INSTRUCTION: This paper contains six questions. Answer Questions 1 and 2 and any other two (2) questions in all
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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- 1a What do you understand by the term "Architecture"? (2 marks)
- 1b Explain the 3 major roles of an Architect in the building industry. (12 marks)
- 1c Explain the 3 main qualities of a good Architecture (building) according to Vitruvius. (9 marks)
- 1d Who is an Architect? (2 marks)
- 2a Explain etymology of the word, "Architecture". (5 marks)
- 2b Explain the roles of three (3) other major building professionals. (12 marks)
- 2c Explain Precedents in Architecture and its importance. (8 marks)
- 3a Highlight 4 essential skills an Architect must possess. (4 marks)
- 3b Explain the following principles of design briefly: i) Unity ii) Balance. (6 marks)
- 4a List five (5) Building Industry Professionals apart from the Architect (5 marks)
- 4b Discuss the phrase: "Architecture is not also art". (5 marks)
- 5a Write out the full meaning of these professional bodies: ARCON, NIA, RIBA, AIA. (4 marks)
- 5b Explain two (2) of the Ordering Principles in Architecture. (6 marks)
- 6a Why is the Bowen Chapel considered one of the finest structures in Bowen University using Vitruvius' qualities for a good building? (6 marks)
- 6b Sketch Four (4) drafting equipment/tools used for Architecture Schools and state one of their uses. (4 marks)