



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

**College of Environmental Science (COEVS)**  
FIRST SEMESTER EXAMINATION, 2023/2024  
ARCHITECTURE PROGRAMME  
ARC 317: HISTORY OF ARCHITECTURE III (2 UNITS)

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

**TIME ALLOWED: 2 and half 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 (i) Expatriate with relevant illustrations on the term “Roman Architecture” stating its legacy, characteristics and influence on today’s architecture. **(5 marks)**
- (ii) Mention two (2) most famous buildings of Roman Architecture. **(4 marks)**
- 1b. Hagia Sophia in Constantinople is considered the greatest masterpiece of Byzantine Architecture.
- (i) Give a full description of Hagia Sophia and Sketch a section through it.
- (ii) Give a full description of the development of Pendentives in Byzantine Architecture. **(10 marks)**
- 1c. Bowen University Chapel building is a testament of Architectural master piece and work-of-art, with unique architectural elements and characters. Describe the architectural movements, influences and styles evident in the design of Bowen University Chapel. **(6 marks)**
- 2a. Give a full account of the collapse of the Greek Empire under the reign of Alexander the Great that led to the taking over of the Roman Empire. **(10 marks)**
- 2b. Differentiate between a Mausoleum and a Catacomb. **(5 marks)**
- 3a. The re-emergence of the revived Roman Empire would launch the Antichrist. Discuss. **(10 marks)**
- 3b. Differentiate between the Triumphal Arch and the Aqueduct. **(5 marks)**
4. Discuss Early Christian Architecture with clear and/or by illustrations under the following;
- (i) The role of Emperor Constantine the Great on the evolution of Early Christian Architecture. **(5 marks)**
- (ii) The architectural character, building materials and major constructional methods used. **(5 marks)**
- (iii) Early Christian Architecture is Transitional Architecture and have no own structure. **(5 marks)**
5. Describe Romanesque Architecture with clear and/or by illustrations under the following;
- (i) The general appearance **(5 marks)**
- (ii) The characteristics; and **(5 marks)**
- (iii) The essential features of the Romanesque church plan. **(5 marks)**
6. Describe Byzantine Architecture with clear and/or by illustrations under the following;
- (i) The major Architectural features of Byzantine Architecture. **(5 marks)**
- (ii) The materials, construction and technology. **(5 marks)**
- (iii) The domed basilica is a staple architectural form of Byzantine architecture. **(5 marks)**