

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
FACULTY OF ARCHITECTURE AND QUANTITY SURVEYING

DEPARTMENT OF ARCHITECTURE
BACHELOR OF ARCHITECTURE (HONOURS) DEGREE

PART I SUPPLEMENTARY EXAMINATIONS – JULY 2006
AAR 1103 – HISTORY OF ARCHITECTURE I

Instructions

Time: 2 hours

You are to answer **Question 1** and any three other questions
Each question carries 25% of the marks.
Illustrate your answers with sketches where appropriate.

QUESTIONS

1. Briefly explain with sketches the following architectural terms:

- | | |
|-------------|-------------|
| -arch | -ambulatory |
| -capital | -choir |
| -colonnade | -column |
| -pendentive | -shaft |
| -tuscan | -volute |

2. What are the essential qualities of the classical language of architecture?

3. Compare and contrast a typical Greek temple and a Gothic Cathedral.

4. Briefly describe Renaissance architecture and discuss the philosophical values that were incorporated into the design of Italian Renaissance buildings.

5. Gothic Cathedrals of the 12th century had several spatial qualities, which were used in their design and construction, what were these, and how did they solve the structural problems in order to achieve these qualities.

6. Why do architectural students need to study the history of architecture?