

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**FACULTY OF THE BUILT ENVIRONMENT**

**DEPARTMENT OF ARCHITECTURE**  
**BACHELOR OF ARCHITECTURAL STUDIES(HONOURS) DEGREE**

**PART I SUPPLEMENTARY EXAMINATIONS – SEPTEMBER 2007**  
**AAR 1103 – HISTORY OF ARCHITECTURE I**

**Instructions**

**Time: 2 hours**

All students are to answer question 1 which carries 40% of the marks and any two each carrying 30% of the marks. Illustrate your answers with sketches where appropriate.

**QUESTIONS**

1. (a) What do you understand by the term “Order” [4]  
(b) Illustrate the similarities and differences existent in the first three of the classical orders with particular reference to a building where each of these was used. [36]

2. Illustrate and explain the following terms stating where they were used;

- Hypostyle hall
- Agora
- Insulae
- Pendentive
- Buttress
- Vault

[30]

3. What spatial qualities did the Gothic cathedrals of the 12<sup>th</sup> century aspire to have, and how did they solve the structural problems in order to achieve these qualities. [30]

4. The ancient Egyptians, the ancient Greeks and the ancient Romans all needed buildings for religious worship. Describe a typical Egyptian temple, typical Greek temple and typical Roman temple. [30]