

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

DEPARTMENT OF ARCHITECTURE
BACHELOR OF ARCHITECTURE (HONOURS) DEGREE

PART I FIRST SEMESTER EXAMINATIONS – DECEMBER 2005
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 | -arcade |
| -architrave | -capital |
| -clerestory | -colonnade |
| -entablature | -module |
| -transcept | -vault |

2. What are the classical orders of architecture? Cite and sketch three buildings in which each of these orders has been used.
3. The Ancient Egyptians, the ancient Greeks, and the early Christians of the Roman Empire all needed buildings for religious worship. Describe a typical Egyptian temple, a typical Greek Temple and an Early Christian church and explain the differences between them.
4. What values were incorporated into the design of early Renaissance buildings and how?
5. What spatial qualities did the Gothic Cathedrals of the 12th century aspire to have, and how did they solve the structural problems in order to achieve these qualities.
6. What is the importance of knowledge of architectural history to an architect? Give examples.