

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 – JULY 2002
AAR 1103 HISTORY OF ARCHITECTURE I

Instructions

Time : 2 Hours

Answer question ONE which carries 40% of the marks, and TWO others which carry 30% each. Illustrate your answers with sketches where appropriate.

Question 1 (Compulsory)

Briefly explain with sketches the following architectural terms or buildings.

Pantheon	Parthenon,
Pyramid	Basilica
Atrium	Entasis
Cannelura (fluting)	Minaret
Mihrab	Vault
Arch	Narthex
Hieroglyphics	Santa Sophia
Transept	Quadrivium
Entablature	

LIBRARY

Question 2

One of the most important developments in the history of architecture was the emergence, in Egypt, of monumental architecture in stone.

Explain when, where and why this happened. Describe some of its early manifestations.

Question 3

Describe three of the following and explain the differences and similarities between them:

a typical Egyptian temple,	a typical Greek temple,
a typical Byzantine Church,	a typical French Gothic Church,
a typical Italian Renaissance Church,	a typical Italian Baroque Church,
a typical French Neoclassical Church.	

Question 4

The Golden Section and systems of proportion have been used by architects for many hundreds of years. Explain with sketches, the purpose and value of these.

Question 5

What is the relationship between Northern Italian Renaissance and its impact on English architecture since that time? Explain with sketches.

Question 6

What are the main highlights of the 18th Century European architecture. What are the relationships between that architecture and the past? Explain with sketches.

Question 7

What is the value of the knowledge of architectural history for an architect? Explain with sketches.

LIBRARY