

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

DEPARTMENT OF ARCHITECTURE
BACHELOR OF ARCHITECTURAL STUDIES (HONOURS) DEGREE

PART I FIRST SEMESTER EXAMINATIONS – JANUARY 2004
AAR 1103 – HISTORY OF ARCHITECTURE I

Instructions

Time: 2 Hours

*You are to answer four questions.
All questions carry equal marks.
Sketches should accompany all answers where appropriate.*

Question 1

Explain with sketches fifteen (15) of the following architectural terms:

Abacus	Agora	Ambulatory
Arch	Atrium	Basilica
Buleterion	Catacomb	Choir
Colosseum	Corinthian	Dolmen
Domical Vault	Entablature	Erechtheum
Flying Buttress,	Frieze,	Catholicon,
Madrasah	Menhir	Mihrab
Naos	Nave	Parthenon
Pendentif	Pilaster	Pyramid
Squinch	Stylobate	Transept
Triumphal Arch	Tuscan	Volute

Question 2

Describe four (4) of the following buildings:

- a) Doge's Palace-Venice,
- b) Great Mosque-Samara,
- c) Mausoleum of Sultan Hasan-Cairo,
- d) Notre Dame-Paris,
- e) San Miniato al Monte-Florence,
- f) Santa Constanca-Rome, Saint Mark-Venice,
- g) Selimiye Mosque-Edirne,
- h) Westminster Abbey-London.

Question 3

Describe the landmarks of five (5) of the following architectural sites:

Aachen,	Alhambra,	Catal Huyuk,
Cologne,	Cordoba,	Durham,
Epidaurus,	Jericho,	Knossos,
Miletus,	Mycenae,	Ostia,
Pergamon,	Paestum,	Pisa,
Priene,	Rouen,	Spalato,
St. Gall,	Timgad,	Vatican.

Question 4

Describe main achievements of three (3) of the following architects and builders:

- a) Antemios,
- b) Caracalla,
- c) Constantine,
- d) Ictinos,
- e) sidoros,
- f) Justinian,
- g) Vitruvius.

Question 5

Some of the most important developments in the history of architecture were the emergence, in Mesopotamia and Egypt respectively, of monumental architecture in brick and stone. Explain when and where and how these happened, and describe some of their early manifestations in public and religious architecture.

Question 6

Briefly explain with sketches the main achievements of urban planning of Mesopotamia, Classical and Hellenistic Greece.