

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

DEPARTMENT OF ARCHITECTURE
BACHELOR OF ARCHITECTURE (HONOURS) DEGREE

PART I - SUPPLEMENTARY EXAMINATIONS – JULY 2008
BAR 1103 – HISTORY OF ARCHITECTURE I

Instructions

Time: 3 hours

- 1). You are to answer **Question 1** which carries 40% of the marks and any two from the other questions which each carry 30% of the marks.
- 2). The use of illustrations is of paramount importance and will be credited accordingly.

QUESTIONS 1

1. briefly explain with sketches the following architectural terms with reference where each was applied:

- | | | | |
|----------------|------------------|-------------|------|
| i) Architrave | ii) abacus | iii) module | |
| iv) pendentive | v) buttress | vi) order | |
| vii) Thermae | viii) ambulatory | | [40] |

QUESTION 2

- a). What is the importance of the knowledge of architectural history to an architect? [10]
- b). Discuss the evolution of the Egyptian burial places from the normal grave dug below natural grave to the pyramid. [20]

QUESTION 3

Systems of proportion have been used by architects for many hundreds of years.
Explain the purpose and value systems of proportion; describe some proportional systems and how they are applied in architectural design. [30]

QUESTION 4

What philosophical values were incorporated into the design of Renaissance buildings and how? [30]