

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA  
SCHOOL OF ENVIRONMENTAL TECHNOLOGY,  
DEPARTMENT OF ARCHITECTURE

SECOND SEMESTER EXAMINATIONS 2018/2019 SESSION

Course Code: Arc 121 (URP)

UNITS: 2

COURSE TITLE: Introduction to Architecture II (URP)

Head of Department: Dr. P. Ayuba.

Name of Lecturer: Emechebe L.C.

**INSTRUCTIONS:** Answer Questions 1 and 2 (25 marks each) and ONE other question (10 marks.)

Time Allowed: 2hrs

**Question 1**

- a) What is anthropometrics and state the importance of using anthropometrics in design. 9 marks
- b) State the difference between anthropometrics and Ergonomics? 7 marks
- c) Define ergonomics and state the aim of applying it design. 9marks

**Question 2**

- a) Define Architectural Design process and briefly discuss the stages of design process 8 marks
- b) State five basic considerations required for planning a space. 5 marks
- c) State the sequential arrangement of architectural drawings and the architectural scale used for each. 6 marks
- d) What are the three major aims of architectural design 6 marks

**Question 3**

Briefly explain following terms in relation to architecture Site plan

- (a) Space Planning 5marks
- (b) Site plan 5marks

**Question 4**

Define following terms in relation to architecture

- (a) Floor Plans 4 marks
- (b) Sections 3 marks
- (c) Elevations 3marks

Good luck