

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

FIRST SEMESTER EXAMINATIONS 2018/2019 SESSION

COURSE TITLE: INTRODUCTION TO ARCHITECTURE II

COURSE CODE: ARC 121 (ARC)

DEAN: Prof. R. E. Olagunju

HEAD OF DEPARTMENT: Dr P. Ayuba

LECTURER IN CHARGE: - Sarah K. Goshi

TIME ALLOWED: - 2 HOURS

INSTRUCTIONS: - ANSWER QUESTION ONE (1) AND ANY OTHER TWO.

- 1a. 'Human dimensions inspire the dimensions of buildings.' What does this statement mean? 2 marks
- 1b. Differentiate between static and functional anthropometric data and give examples of each type of measurement. 10 marks
- 1c. Mention at least three (3) uses of anthropometric data to you as an architect. 3 marks
- 1d. Define ergonomics and explain why it is important. 5 marks
- 2a. Write brief notes on the stages of the architectural design process in Practice? 20 marks
- 3a. Write brief notes on the following architectural drawings:-
- i. Site plan
 - ii. Floor plan
 - iii. Roof plan
 - iv. Sections and construction details
 - v. Elevations
- 20 marks
- 4a. Create grids in your answer booklet and
- i. Sketch the floor plan of a living room and dining. Show furniture arrangement, dimensions and all necessary information on a floor plan.
 - ii. Also sketch the site plan of the building you've designed and show at least five (5) features that must be included on a site plan drawing.
 - iii. Indicate the scale employed
- 20 marks