

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

FIRST SEMESTER EXAMINATION (2015/ 2016 session)
COURSE CODE: - ARC. 112
COURSE TITLE:- ARCHITECTURAL GRAPHICS I
LEVEL: 100 (QUANTITY SURVEYING)
TIME ALLOWED: - 2 HOURS

Instructions:

- i. Answer **Question 1** any other 2 questions
- ii. Drawings **MUST** be in **Pencil**.
- iii. Apply **margins** and **title blocks** on all drawings

Q1.

- a) With the aid of your drawing instruments and good graphics, produce a simple floor plan of three (3) number single shops in a block. Each shop should have internal dimension of 3000mm x 3000mm, and veranda width of 1200mm along all the shops, and size of all walls should be of 230mm thickness, in scale 1:100
- b) Use orthographic projection or measurement method to produce roof plan and front elevation of the floor plan in 'a' above.

(30 Marks)

Q2.

- a) Briefly explain the importance of Scale in Drawings, and state the basic characteristic of using either a large or small scale for drawings.
- b) Outline any five (5) Tips of ensuring clean drawings.
- c) Write short notes on any 3 types of plans in Architectural drawings.

(15 Marks)

Q3.

- a) List any 5 different graphical signs we see around our environment, and sketch the symbols used for such signs.
- b) Outline the basic information of a standard title panel of a drawing sheet.
- c) List any ten (10) drawing instruments with brief notes on their uses

(15marks)