

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

FIRST SEMESTER EXAMINATION (2017 / 2018 session)
COURSE CODE: - ARC. 112
COURSE TITLE:- ARCHITECTURAL GRAPHICS I
LEVEL: 100 (ESTATE SURVEYING DEPT)
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) Briefly explain the importance of Scale in Drawings,
 - b) Outline and explain any five (5) Tips of ensuring clean drawings
 - c) List any ten (10) drawing instruments with brief notes on their uses.
- (30 Marks)**

Q2.

- a) Write short notes with good sketches on the following;-
 - i) Presentation drawing
 - ii) Working drawing
 - iii) Woolly line
 - iv) Bird eye view
 - v) Site plan
 - b) List any three (3) examples of 2- dimensional drawings in Architecture
- (15marks)**

Q3.

- a) Outline the basic information of a standard title panel of a drawing sheet.
 - b) List any 3 types of plans in Architectural drawings.
 - c) List any 5 different graphical signs we see around our environment, and sketch the symbols used for such signs.
- (15Marks)**

Q4

- 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 150mm thickness in scale 1:100
 - b) Produce roof plan and one elevation of the floor plan in 'a' above.
- (15 Marks)**