

**FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA**  
**School of Environmental Technology**  
**Department of Architecture**

SECOND SEMESTER EXAMINATION (2016 / 2017 session)  
COURSE CODE: - ARC. 122  
COURSE TITTLE:- ARCHITECTURAL GRAPHICS II  
LEVEL: 100 (QUANTITY SURVEYING)  
TIME ALLOWED: - 2 HOURS

**Instructions:**

- i. Answer **ALL** Questions
- ii. Drawings **MUST** be in **Pencil**.
- iii. Apply **margins and title blocks** on all drawings
- iv. Good graphics/ Labelling are to be used on all drawings

- Q1** a. With the aid of your drawing instruments, good graphics and in Scale 1:50 draw a Simple floor plan of one-bedroom apartment with total external dimensions measuring 3600mm x 4800mm.
- b. Use the floor plan in 'a' above to produce Roof Plan and Elevations
- c. Indicate your station point on the Floor plan and produce a **Two-point perspective** of the apartment.

**(30Marks)**

**Q2**

- a. Using any lettering style of your choice, and complying with all the lettering rules, neatly re-write the following:  
"Quantity Surveying students are good ambassadors of the Federal University of Technology, Minna" (5 times)
- b. With good sketches and brief notes, write on the following:  
i. Axonometric    ii. Isometrics    iii. Plan oblique    iv. Elevation oblique  
v. Vanishing point,
- c. With good sketches give graphical representation of the following building materials:  
i. Stone work    ii. Glass work    iii. Wood work    iv. Brick work    v. Concrete work

**(30 Marks)**