

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF ENVIRONMENTAL TECHNOLOGY
DEPARTMENT OF ARCHITECTURE
SECOND SEMESTER EXAMINATION 2017/2018 SESSION

COURSE TITLE: ARCHITECTURAL GRAPHICS II

LEVEL: 100

COURSE CODE: ARC 122

CREDIT UNIT: 2 UNITS

HEAD OF DEPARTMENT: DR. P. AYUBA

COURSE LECTURER: ADEBISI, G.O.

TIME ALLOWED: 2 HRS 30 MINS.

Instructions : Answer all questions

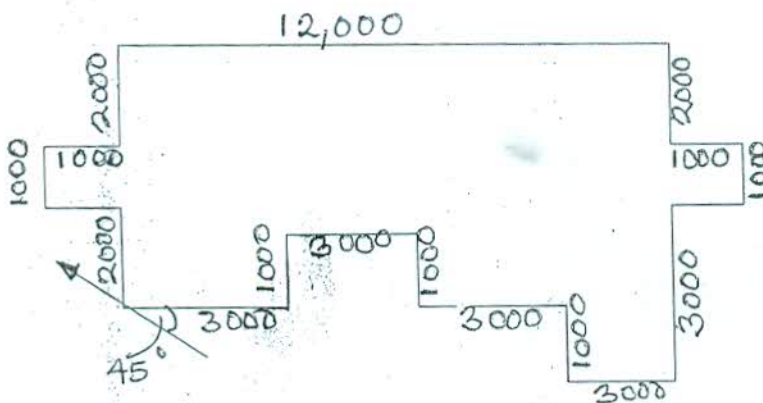
All dimensions are in Millimeter (mm)

Note: Good graphics attract extra 5 marks

Q1. With the aid of the building outline below produce the front and right side elevations. Cast shadow on it using conventional angle of 45° . (20 marks)

Assumptions:

1. Sun direction diagonally at an angle of 45° as shown on the object.
2. Building height to be 4m.
3. Flat top



Q2. Briefly discuss the following terms as used in ARCHITECTURE

- i. Floor plan (5 marks)
- ii. Section (5 marks)
- iii. Elevation (5 marks)
- iv. Roof plan (5 marks) ----- (20 marks)

Q3. Briefly explain the following terms as used in perspective drawings

- i. Station Point (SP) (5 marks)
- ii. Picture Plane (PP) (5 marks)
- iii. Ground line (GL) (5 marks)
- iv. Ground Plane (GP) (5 marks) ----- (20 marks)