

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF ENVIRONMENTAL TECHNOLOGY
DEPARTMENT OF QUANTITY SURVEYING

142



FIRST SEMESTER EXAMINATION 2017/2018 SESSION

COURSE CODE: QTS 311 COURSE TITLE: CONSTRUCTION MEASUREMENT II

TIME ALLOWED: 2½ Hours

CREDIT LOAD: 3 Units

INSTRUCTION: Attempt all questions, presentation of Taking-off must be neat & logical

Question 1: Use the attached Architectural Drawings of a Semi-Detached 1-Bedroom Bachelor's flat, nos: QTS/311/001 and QTS/311/002

- a) Take-off Quantities for Superstructure Block wall (Internal and External walls) 20 marks
- b) Prepare Doors and Windows Schedule for the project using the specification provided in the notes below10 marks
- c) Take-off quantities for "Louver Windows" in opening size 1,200 x 1,200 mm only ... 20 marks

Question 2:

- a) Produce a typical Reinforcement Bending Schedule Table 5 marks
- b) Outline the "Measurement Checklist" for Suspended Concrete Upper Floor 5 marks

NOTE:

- All external Walls are 225mm thick wall
- All internal Walls are 150mm thick wall
- Height of the Building 3,200mm
- All Doors are purpose made "Solid-core" Flush with 150 x 50mm wrot hardwood frame
- All windows are "Louver window" with 150 x 50mm wrot Hardwood frame plugged and secured to background

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18/1/18