Study the following notes and then answer the question following.

1. Drawing No. Q4-081/A accompanies this paper.
2. Dimension paper will be supplied.
3. Candidates will lose marks for disorderly work, poor expression and inadequate referencing.
4. Dimension pages must each be signed with the student's name and numbered consecutively.
5. All drawings must be signed, dated and handed in with the candidate's work.
6. A reasonable specification and logical assumption should be made where the given information is considered insufficient.
7. Candidates are to provide their own scales, pens, coloured pencils, etc. and will be allowed to bring calculators into the examination room. Copies of the Standard System of Measuring Building Work (6th Ed.) will be provided for reference purposes.

No other reference material will be permitted.
QUESTION 1

Candidates are required to carry out the necessary processing procedures and to measure the reinforced concrete structure (foundations are not to be measured) as shown on Drawing Nos. Q4-081/A.

Your dimensions must be clearly referenced and show all sidecasts and calculations.

Number all sheets of dimensions.

Print your name or student number on the drawings and sheets of dimensions which must all be handed in at the end of the exam.

Specification

All formwork to be smooth off-shutter.

All slab surfaces to be power-floated

Concrete Mixes:

30MPA/19mm stone in columns
30MPA/19mm stone in slabs, beams, walls, stairs
15MPA/19mm stone in blinding

Allow a Provisional Sum for Steel Reinforcement in the amount of R 45 000

You are not required to measure the ground floor surface bed.

TOTAL MARKS: 100