

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**FACULTY OF THE BUILT ENVIRONMENT**  
**BACHELOR OF QUANTITY SURVEYING (HONOURS) DEGREE**  
**PART II SUPPLEMENTARY SEMESTER EXAMINATIONS - JULY 2014**  
**COMPUTER APPLICATIONS IN QUANTITY SURVEYING - AQS2207**

Time: 4 Hours

Total Marks: 100

**Instruction to Candidates**

Answer **ALL** Questions

---

Question One

You are employed by M and N Construction Ltd as the Projects Quantity Surveyor. You are tasked to prepare the construction programme for Montgomery Street Development Project. The construction work is scheduled to begin on the 1<sup>st</sup> of July 2014

1. Setting/preparation of site	1½weeks
2. Substructure	3weeks
3. Masonry	1weeks
4. Drainage	2½weeks
5. Cladding	2½weeks
6. Roof Covering	4weeks
7. Services	6weeks
8. Reinforced Concrete Frame	3½weeks
9. Internal Finishes	3weeks
10. Partitions	5weeks
11. Carpentry and Joinery	5½weeks
12. Cleaning Up/handover	1½weeks
13. Glazing	2weeks
14. Painting	6½weeks
15. Internal Finishes	3weeks

(25marks)

### Question Two

Prepare valuation certificate no. 2 for submission to the Architect for the month ending 25 August 2013 using the information below-.

The total of Certificate 1 inclusive of VAT was \$15,000.00.

1. Measured Work 45,334.00
  2. Labour Escalations and Material Escalations- 1,500.00
  3. Preliminaries and Generals- 45,442.00
  4. Material on Site-1,577.00
  5. Statutory bodies-2,000.00
  6. Interest on late payments \$575.00
  7. Nominated Subcontractors  
Maks Electrical (Electrical Installation)- \$2,000.00
  8. An advance payment was made after certificate No 1 as follows  
    Main Contractor      \$6500  
    Maks Subcontractor   \$750.00
- Recovery in certificate
- |      |                    |            |
|------|--------------------|------------|
| No 2 | Main Contractor    | \$2 250.00 |
|      | Maks Subcontractor | \$375.00   |

(25 marks)

### Question Three

Using the Attached Appendix A prepare part of the measured work section of the Bills of Quantities for the following:

- a. Foundations
- b. Metalwork
- c. Glazing
- d. Joinery and Ironmongery

Note- The collection pages must be incorporated.

(50 marks)

**END OF EXAMINATION**