

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**FACULTY OF BUILT ENVIRONMENT**

**DEPARTMENT OF QUANTITY SURVEYING**

**PART II SUPPLEMENTARY EXAMINATIONS – AUGUST 2011**

**COMPUTER APPLICATIONS IN QUANTITY SURVEYING - AQS2207**

Time: 4 hours

Total Marks: 100

**INSTRUCTIONS:**

Answer all questions.

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**Question One**

You are employed by a firm of Registered Quantity Surveyors called Brintol Consult. The Senior Quantity Surveyor has tasked you to prepare an interim valuation for the month using Appendix A. At the end of this first month the following work has been done for the Administration Block and the 2 classroom blocks

Item	Administration	Classroom
Preliminaries and Generals	15,000.00	20,000.00
External Works	no work done	no work done
Foundations	54,000.00	60,000.00
Brickwork	34,000.00	10,000.00
Labour Escalations	1,300.00	2,500.00
Variations	2,100.00	500.00

(25 marks)

**Question Two**

You have been asked by your boss to prepare a Final Account for the Bulawayo Centre. The following information has been provided to you-

Contract Sum 10,200.00

**Provisional Sums**

Profit 5%

Attendance 5%

**Ace Electrical**

BQ Provision 2,000.00

Remeasurement 1,500.00

Cool-Air Conditioning

BQ Provision 7,000.00

Remeasurement 8,700.00

Boom Control

BQ Provision 3,000.00

Remeasurement 3,500.00

**Variation Orders**

Architect Instruction No.1

Plaster in lieu of bagging where plaster \$500.00 and bagging to ceiling \$1,400.00

Architect Instruction No.2

Plaster in lieu of facings where plaster \$320.00 and facing \$450.00

**Prime cost Sums**

Profit 5%

Attendance 5%

Ironmongery

BQ Provision 4,500.00

Remeasurement 3,000.00

Cold Room Door

BQ Provision 1,150.00

Remeasurement 2,000.00

**Items Measured Provisional**

Foundation

BQ Provision 1,050.00

Remeasurement 700.00

**Fluctuations**

Main Contractor 500.00

Ace Electrical 100.00

(25 marks)

**Question Three**

Prepare part of the measured work section for the Bills of Quantities from the given take off sheet incorporating the collection pages, as well as the summary page.

a) Foundations

(25 marks)

b) Brickwork

(25 marks)