

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY  
FACULTY OF ARCHITECTURE AND QUANTITY SURVEYING  
BACHELOR OF QUANTITY SURVEYING (HONOURS) DEGREE  
PART I FIRST SEMESTER EXAMINATIONS– DECEMBER 2004**

**THEORY AND PRACTICE OF QUANTITY SURVEYING AND PROJECT  
MANAGEMENT I – AQS 1101**

**TIME:** 3 Hours

**TOTAL MARKS:** 100

**INSTRUCTIONS:**

Answer Part I and any other two in Part II

**PART I**

**QUESTION 1 (COMPULSORY)**

The current Zimbabwean economy is characterized by high levels of inflation, price controls without subsidies, lack of foreign currency on the formal market, hence, “shortage” of building materials.

With this statement in mind, which building procurement method would be the best for such an economic climate?

Answer this question citing practical examples. (Students would score more marks if they cite the pros and cons of using the various procurement methods).

(40 marks)

**QUESTION 2 (COMPULSORY)**

The future of Quantity Surveying as a profession hangs in the balance in Zimbabwe as technology and the current economic climate makes some of the more traditional functions obsolete. Discuss.

(30 marks)

**PART II**

**QUESTION 3**

Recently, there has been an emergence of new techniques in the building industry. These are Project Management, Facilities Management and Value Management. Discuss them, showing clearly whether or not they are relevant in the building industry today.

(15 marks)

#### **QUESTION 4**

Success in building requires that a complicated series of interactions be completed in a logical and predetermined sequence. The client then gets the building they want at an acceptable price, in the required time.

Discuss the above statement, showing clearly the pre-contract process.

(15 marks)

#### **QUESTION 5**

- a) What is Project Risk Management? (5 marks)
- b) Is there a link between Risk Management and Project Management? (5 marks)
- c) What are the essential steps to be followed when carrying out the process of project risk management? (5 marks)

**Total Marks: 15**

**END OF EXAMINATION**