

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY  
FACULTY OF ARCHITECTURE AND QUANTITY SURVEYING  
BACHELOR OF QUANTITY SURVEYING (HONOURS) DEGREE  
PART I FIRST SEMESTER EXAMINATIONS– DECEMBER 2005**

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

**TIME:** 3 Hours

**TOTAL MARKS:** 100

**INSTRUCTIONS:**

Answer Question **One** and **any other three** questions

**PART I**

**QUESTION 1**

- a) Define Project Management according to any three of the following sources and discuss:  
Archibald (1977)  
The Project Management Institute (2000)  
The Chartered Institute of Building (1988)  
Anthony Walker (1992)  
C., Hendrickson and T. Au (1988) (10 marks)
- b) Explain the two structures of project management with illustrations. (6 marks)
- c) Write brief notes on the Project Management process. (15 marks)
- d) According to Roman (1986) what activities can project managers perform? (9 marks)

**QUESTION 2**

The project manager is responsible for developing a plan through which the project can be traded and controlled to ensure the project meets preset objectives. With this in mind, discuss the benefits of project management. (20 marks)

**QUESTION 3**

Management contracting is a more suitable building procurement method in Zimbabwe as compared to the traditional methods. Discuss this assertion. (20 marks)

**QUESTION 4**

Discuss the various alternative methods of building procurement.

(20 marks)

**QUESTION 5**

Discuss the functions of the quantity surveyor.

(20 marks)

**QUESTION 6**

- a) What are the purposes of the Bills of Quantities? (10 marks)
- b) Give detailed description of the basic information contained in the Bills of Quantities. (10 marks)

**END OF EXAMINATION**