

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
FACULTY OF BUILT ENVIRONMENT
BACHELOR OF QUANTITY SURVEYING (HONOURS) DEGREE
PART I FIRST SEMESTER EXAMINATIONS DECEMBER 2011
THEORY AND PRACTICE OF QUANTITY SURVEYING AND PROJECT
MANAGEMENT I AQS 1101

Time: 3 hours

Total marks: 100

Instructions to candidates

Answer any **four** questions
Each question carries 25marks

Question One

- a. Define the term tendering (5 marks)
- b. Identify the tender documents used in the construction industry (5 marks)
- c. Selective tendering may either be single stage or two stage depending on whether the full benefits are desired or whether limited competition is considered advantageous. Discuss these two procedures. (15 marks)

Question Two

Are the Bills of Quantities still useful and relevant in the Zimbabwean construction Industry. Discuss (25 marks)

Question Three

- a) What is procurement? (3 marks)
- b) Explain the joint venture alternative procurement method? (12 marks)
- c) With aid of examples, explain how applicable is the joint venture applicable method to the Zimbabwean situation? (10 marks)

Question Four

- a. Illustrate and explain the communication and contractual links that exist under the traditional procurement method. (10 marks)
- b. The traditional types of procurement carry a degree of risk for the parties (the employer and contractor). Discuss the risks these parties bear under each method. (15 marks)

Question Five

A Quantity Surveyor (QS) is a professional working within the construction industry concerned with costs relating to building and civil engineering projects, from the initial calculations to the final figures.

- a. Outline the financial duties of a Quantity Surveyor (15 marks)
- b. How does the Quantity Surveyor ensure that the project does not exceed the budgeted cost? (10 marks)

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PART I SUPPLEMENTARY EXAMINATIONS 2012
THEORY AND PRACTICE OF QUANTITY SURVEYING AND PROJECT
MANAGEMENT I AQS 1101

Time: 3 hours

Total Marks: 100

Instructions to candidates

Answer **ALL** Questions
Each question carries 25marks

Question One

- a) What is a professional Quantity Surveyor? (5 marks)
- b) Discuss the role of a quantity surveyor during the implementation stage of a project. (20 marks)

Question Two

Discuss the following traditional methods and state the circumstances where they will be used:-

- a) Prime cost plus fee
- b) Schedule of rates
- c) Drawings and specification (25 marks)

Question Three

A Standard Method of Measurement is a document used for measurement of construction works.

- a) What was the purpose of developing the document (15 marks)
- b) Describe the purpose of preparing Bills of Quantities using the traditional method (10 marks)

Question Four

Discuss the origin of the Quantity Surveying profession. (25 marks)