



NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF THE BUILT ENVIRONMENT

DEPARTMENT OF QUANTITY SURVEYING

BUILDING DESIGN ECONOMICS

AQS 2210

Supplementary Examination Paper

JULY 2015

This examination paper consists of 2 pages

Time Allowed: 3 hours

Total Marks: 100

Special Requirements:

Examiner's Name: R.A. DHLIWAYO

INSTRUCTIONS

1. Answer **All** questions
2. Each question carries 25 marks
3. Use of calculators is permissible

MARK ALLOCATION

QUESTION	MARKS
1.	25
2.	25
3.	25
4.	25

QUESTION ONE

Discuss the factors that have an impact on the cost of building projects. Use relevant examples where possible. **(25)**

QUESTION TWO

Describe the following terms

- a. Cost planning
- b. Value management
- c. Whole life costing
- d. Loose fit theory
- e. Obsolescence

(25)

QUESTION THREE

Explain the cost planning process that would be undertaken by a quantity surveyor during the initial stage of construction development. **(25)**

QUESTION FOUR

Evidence is growing that sustainable buildings provide financial rewards and other benefits to a society. Discuss this statement with reference to the construction industry of a developing country. **(25)**

END OF EXAMINATION