NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

Faculty of Natural Resources and Spatial Sciences

Department of Land and Property Sciences

QUALIFICATION(S): Bachelor of Property Studies Honours	QUALIFICATION(S) CODE: 27BPRS
COURSE NAME: Building Economics	COURSE CODE: BEC620S
EXAMS SESSION/DATE: January 2019	NQF LEVEL: 6
DURATION: 2 Hours	MARKS: 100

SECOND OPPORTUNITY / SUPPLEMENTARY EXAMINATION QUESTION PAPER	
EXAMINER(S)	Mr. H.P. Chigudu
MODERATOR:	Mr. A. Issa

THIS QUESTION PAPER CONSISTS OF 4 PAGES
(Including this front page)

INSTRUCTIONS
1. Read the entire question paper before answering the Questions.
2. Please write clearly and legibly!
3. The question paper contains a total of **6 questions.**
4. You must answer **(2) questions from Section A** and **ALL QUESTIONS from Section B.**
5. Make sure your Student Number is on the EXAMINATION BOOK(s).

PERMISSIBLE MATERIALS
6. The use of non-programmable scientific calculator is permitted.

a)   Volume of Excavations and   (7)

b)   Cost Estimate for the proposed Rectangular Classroom Block   (13)

                                                                            [20]

Question 3

a)   State 2 main categories of the procurement system.   (2)

b)   Discuss the following procurement systems, stating contractual relationships that exist, how risks are allocated and circumstances under which each one of them is most appropriate;

       i)   Traditional Approach   (9)

       ii)   Design and Build   (9)

                                                                            [20]

SECTION B

Question 4

a)   State any four (4) main reasons why property developers invest into economic analysis of proposed construction projects prior to implementation on site?   (4)

b)   List any five (5) phases to be conducted during economic analysis or value engineering process in the construction industry   (5)

c)   Explain briefly the importance of developing a realistic cost budget prior to implementation of a project on site?   (4)

d)   What normally causes the client's budget to deviate from the final construction cost of a project?   (5)