Course Work Answer Book

UNIVERSITY COURSE WORK

REGISTRATION NUMBER   *VU-BIT-2301-0213-EVE*

Title of The Program (eg BBA, BSC, BPH, BSWA)   *BIT*

Bachelor of Information Technology

Department   *Other Depts in Faculty of Science and Technology*

Faculty   *Faculty of Science and Technology*

Year Of study (YrI , YrII, YrIII, or YrIV)   *2*

Module Code and Name   *3109 FST*

Simulation and Modelling

Semester   *2*

Retake: Yes ☐   No ☐   (Tick whichever is applicable)

Date of Course Work   *Sun Sep 01 2024 16:08:33 GMT+0300 (East Africa Time)*

DIRECTIONS TO CANDIDATES (Turn to page ii for more instructions).

1. Leave margin blank.
2. Begin each answer on a fresh page.
3. Write the number of each question and theCandidate's Number at the top of each page.

4. Write the numbers of the questionswhich you have attempted, with subsections where necessary, in the spacesprovided below

FOR USE BY EXAMINERS ONLY		
Question Number	**Internal Examiner**	**External Examiner**
TOTAL		

NUMBER OF QUESTIONS you have answered in the order in which you have written them							

How and where should I submit my Course Work script?

Every student will be required to submit their Course Work via VClass Students Portal E.g. you go to www.vclass.ac and login, to your account, then on the left sidebar menu **click on Course Work**.

Under Course Work you will see the following: -

a) Instructions for that particular Course Work with time required to finish your Course Work as per instructions,

a) A student will be required to download the question paper and the answer sheet provided by the university within the same module Course Work, or a student can be required to attempt structured questions within the system depending on how the Course Work was set.

b) Submission of answered questions is done,

c) Student is required to click to **consent** to show that the answered Course Work belongs to them.

d) **Note** that if Course Work is for download, a student will be required to download the question paper and answer sheet, do their Course Work within the given stipulated time.

e) Required to scan and upload back the answered booklet through the same portal as per format available.

f) Course Work uploaded will directly be received by the Registry department.

g) Students here are required to use VClass e-Learning systemfor all Course Work and for any failure they can contact the Registry department for guidance.

h) No late submission will be accepted.

Avoid any malpractice because this will attract severe penalties such as invalidating the answered script whose consequences will attract retakes.

LWERE PAUL

VU-BIT-2301-0213-EVE

Brief report summarizing my model, the simulation outcomes, and the policy implications.

i. Objective:

To simulate the effect of changes in socio-economic factors such as increase in GDP, decrease in mortality on life expectancy

Model was all about life expectancy of different countries as compiled by the World Health Organization being influenced by the effect of changes in social-economic factors such as GDP

The simulation run involved 100000 maximum cases equivalent to a total of simulated cases