



COLLEGE OF BUSINESS, PEACE, LEADERSHIP AND GOVERNANCE

**COURSE CODE: COURSE TITLE: CIS403 – WEB APPLICATION
DEVELOPMENT**

END OF SECOND SEMESTER EXAMINATIONS

JANUARY/MAY 2020

**LECTURERS: MUKHALELA B
MAGWAGWA O**

DURATION: 48 HRS

INSTRUCTIONS

You will need a **Computer** for this Examination and internet connection for uploading your answer.

Answer only one question.

The marks allocated to **each** question are shown at the end of the section.

Credit will be awarded for logical, systematic and neat presentations.

Question 1

Write a detailed report to your CIO on what to consider when hosting a new website for your company [100]

Question 2

You have been asked to use all technologies at your disposal in creating a web application for a newsletter subscription that does the following:

- Creating a new record
- View the new record
- Update record
- Delete record
- All the actions are done in Admin portal
- Admin users section in the portal to add and view them.

[100]

Question 3

You are an IT expert who has been approached by City of Mutare to facilitate various vendors to sell their fresh produce.

- a) Using web development technologies, write a concept paper which will indicate the following:
 - i) Two domain names taking into consideration all TLD variations
 - ii) Analyse the types of website and recommend which you selected
 - iii) Discuss the various web technologies which you can use and recommend one you have selected
 - iv) Include how you will market and promote the website using web technologies
- b) Develop a homepage and registration page that will be used by Mutare City Council
 - i) Use your own creativity in designing these pages by taking into consideration what a stand page should have.
 - ii) Registration form should have not less than 8 validated fields
 - iii) Registration form should write in the database

[70]

[30]