FACULTY OF ACCOUNTING AND INFORMATICS

DEPARTMENT OF INFORMATION SYSTEM

Instructional Programme:	ADICT1 and BINCT1
Course:	Business Intelligence 3
Subject Codes:	BUIN301/BSIT301
Assessment:	Group Assignment
Due Date:	17 November 2022
Total Marks:	100
Number of pages:	N/A
Lecturer:	Dr. Adefemi Owoputi

INSTRUCTIONS:

This group assignment (**6 members**) requires you to apply the knowledge and skills acquired through your studies especially those skills acquired in Research Skills and Business Intelligence 3. This assignment guideline document outlines the requirements for the Business Intelligence group assignment only.

Write-up Information: The document (MS Word or PDF) must be written using Times New Roman font style, font size 12, and 1.5-line spacing. The document text must be justified. Your cover page must include all the group member details (student Numbers, initials, and surnames). Use Harvard or DUT Harvard referencing style with in-text references. Also, other technicalities will be considered.

SECTION A

Decision on Post COVID-19 Teaching and Learning Mode

Question One *(50 marks)*

The severity of the COVID-19 pandemic has forced institutions around the world to adopt a work-from-home policy. Although life became a bit inconvenient, as the days went by, most people were able to adapt and carry on their required tasks remotely. Academic institutions were not spared the effect of the pandemic, hence, the academic community (a part of which DUT is) also made decisions that impacted the mode of teaching and learning.

However, in 2022, the spread of the virus and the fatality rate has been significantly contained, thanks to the cutting-edge breakthrough in the medical space. Consequently, the university management is tasked with the decision of how academic activities should progress going forward into the new semester.

The choice is whether or not academic activity should be fully remote, full contact, or blended. If blended, in what ratio (e.g. 50%-50%, 60%-40%, 70%-30%, etc.) should it be executed. Regardless of the choice made, there are inherent challenges for stakeholders such as:

- Students
- Lecturers and supervisors
- Administrative staffs
- Technical and support staff
- Department of higher education and training (DHET)
- Learner's sponsor(s) such as family, friends, etc.

As mid-level managers, your team is tasked with making a recommendation to top-level executive managers of the university who will then decide on the best line of action for all stakeholders. The recommendation to be submitted must carefully analyze and take into consideration factors such as (but not limited to):

- Types of qualifications, courses/modules being offered by DUT
- Cost to the university
- Residence provision to students
- Support to staff and students (security, counseling, health…)
- Predisposed health challenges of some staff and students
- The integrity of education and the quality of graduates produced by the university
- The financial and economic standing of students.

Finally, your analysis should take into cognizance the business intelligence reporting tools such as charts and graphs.

SECTION B

Supplementary Questions

Question Two *(25 marks)*

Various Business Intelligence tools are available for analysts working on different projects in various organizations. Compare and analyze your top 3 BI tools explaining their pros and cons as well as real-life scenarios in which they can be deployed.

Question Three *(25 marks)*

Write short notes on the types of Business responses by organizations and give a short real-life scenario of each response type.