**COLLEGE OF BUSINESS**

**INSTRUCTION: *Refer to the Excel Sheet attached in this email to analyze each problem. Groups are expected to answer each problem, attached the findings @ output for each analysis.***

**PART A.**

**Problem 1**: The Khaleej Times online news portal on 8 Nov 2020, reported as many as 154,882 new Covid-19 tests were carried out, and 1,111 tested positive with 683 recoveries. Among the initiatives taken by the UAE Government includes; 1) strengthening the growth of the economy and business sector; 2) exceptional rules and regulations; 3) the National Disinfection program and Safe Distancing rules; 4) strengthening the food security strategy; and 5) the UAE Humanitarian Initiatives. However, the awareness among UAE residents [Emiratis and Expatriate] probably due level of communication; increase of training; and fear among resident. **Therefore, a study was conducted to identify any differences of residents towards Covid-19 awareness in UAE.**

**Requirement. *[Display the output findings]***

Establish if there is a significant difference and interpret the output result.

**Problem 2:** Follow up on Problem 1, a researcher wishes **to study any differences of level education among residents towards the awareness of Covid-19**. The data collected through self-administered method by researcher and involved 77 participants.

**Requirement: *[Display the output findings]***

Establish if there is a significant difference and interpret the output result.

**Problem 3:**  The relevant indicators showed that the factors leading to awareness Covid-19 due to communication, training and fear affected residents in UAE. A further analysis then conducted to establish any **interaction exists between residents and communication, training and fear in UAE.**

**Requirement.** ***[Display the output findings]***

Establish if there is any interaction and interpret the output result.

**PART B.**

Realizing on the finding of problem 1, 2 and 3, HBZ management hired a private consultant to conduct an empirical study related to inferential statistics of covid-19. The sample size of this study involves 77 residents and the objective of this research as follows:

a. To investigate level of communication towards perceived organization support in UAE.

b. To examine an increase of training affected perceived organization support in UAE.

c. To identify fear among resident impact perceived organization support in UAE.

d. To justify the perceived organization support towards awareness of Covid-19 impact.

e. To determine the mediating role of perceived organization support towards communication, increase training, fear towards awareness of Covid-19 in UAE.

**Note: Answer problem 4, 5 and 6 related to the above scenario and research objective.**

**Problem 4:** Conduct Multiple Regression. ***[Display the finding of regression]***

1. Develop and analyze the regression equation model.

1. Test the goodness of fit.

**Problem 5:** Conduct hierarchical regression [mediation analysis]. ***[explain for each step and display the output for each step]***

**Problem 6**: Conduct correlation analysis. ***[Display correlation output findings]***