



“Investing in Africa’s Future”

COLLEGE OF HEALTH, AGRICULTURE AND NATURAL SCIENCES
DEPARTMENT OF BIOMEDICAL AND MEDICAL LABORATORY SCIENCES
BACHELOR OF MEDICAL LABORATORY SCIENCES HONOURS DEGREE

NSLS100: LABORATORY PRINCIPLES

END OF SECOND SEMESTER FINAL EXAMINATIONS

NOV/DEC 2020

LECTURER: MR G. MALUNGA

DATE: 1 DECEMBER 2020

TIME: 0900 HRS

DURATION: 24 HOURS

INSTRUCTIONS

1. Write your candidate number on your answer sheets.
2. Answer any **ONE** question of your choice.
3. Each full question carries 100 marks
4. Submit your answer script as a PDF document through Moodle ONLY.
5. Use the following specifications in your answer scripts:
Font: Times New Roman
Font size: 12
Line spacing: 2.0
6. Credit will be given for logical, systematic and neat presentations.

Answer any ONE question

Question 1

The whole world is concerned with the second phase of the rising cases of Coronavirus disease 2019 (COVID-19). Give a detailed account of how medical laboratories can help in the fight against COVID-19. [100 marks]

Question 2

You have just got an opportunity to open your own medical laboratory in a busy city where there are already established medical laboratories. Discuss how you will enter the market and maintain your laboratory operational. [100 marks]

Question 3

Discuss in detail the collection and handling of the following clinical specimens.

- a) Sputum [30 marks]
- b) High vaginal swab [30 marks]
- c) Blood gas analysis sample [40 marks]

The End