



“Investing in Africa’s future”

COLLEGE OF HEALTH, AGRICULTURE AND NATURAL SCIENCES

NSNS 319: PHARMACOLOGY

END OF SEMESTER EXAMINATION

MAY-JUNE 2024

LECTURER: DR A KAPFUNDE

DURATION: 3HOURS

INSTRUCTIONS

Answer any four Questions

All questions carry equal marks (25marks) each.

DO NOT repeat material.

Write legibly.

QUESTION 1

Outline sources of drugs and the processes for drug approval for use in humans. (25)

QUESTION 2

Describe the process by which the drug induces its effect from administration. (25)

QUESTION 3

Describe the concept of adverse effects and side effects citing examples (25)

QUESTION 4

Describe the six rights of drug administration and their application in practice. (25)

QUESTION 5

Describe the 4 phases of pharmacokinetics citing appropriate examples of each phase (25)

END OF PAPER