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future”

**COLLEGE OF
AGRICULTURE AND**

**AFRICA
UNIVERSITY**
A United Methodist-Related Institution

**HEALTH,
NATURAL SCIENCES**

NSNS 319: PHARMACOLOGY

END OF FIRST SEMESTER SUPPLEMENTARY EXAMINATION

August 2021

LECTURER: MRS KAPFUNDE

DURATION: 0900 HRS-1600HRS

INSTRUCTIONS

Answer one question

All questions carry equal marks (100) each.

DO NOT repeat material.

Write legibly.

QUESTION 1

- Outline sources of drugs and the processes for drug approval for use in humans. (25)
- Describe the process by which the drug induces its effect from administration. (50)
- Describe the concept of adverse effects and side effects citing examples (25)

QUESTION 2

a. Discuss how the pharmacological properties of drugs will influence the route of administration (50)

b. Write short notes on the following drugs:

i. Metformin (25)

ii. Azithromycin (25)

QUESTION 3

a. Discuss how nurses ensure safe drug administration using the nursing process approach. (50)

b. Describe the six rights of drug administration and their application in practice. (30)

c. Herbal therapies are commonly used in this Covid pandemic. Discuss the pros and cons of their use. (20)

END OF PAPER