



NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF HEALTH SCIENCES
EXAMINATION QUESTIONS
2024 1 EXAMINATION

COURSE CODE: PHS810

COURSE TITLE: PHARMACOLOGY AND THERAPEUTIC IN PUBLIC HEALTH

COURSE UNITS: 2 CREDIT UNITS

DEPARTMENT: PUBLIC HEALTH

TIME ALLOWED: 2 HOURS

TOTAL MARKS: 70

INSTRUCTIONS: ANSWER ALL QUESTIONS

1

- a) Define Pharmacokinetics and state its significance in drug therapy. **10Marks**
- b) How does the distribution coefficient of a drug relate to its hydrophobicity or hydrophilicity? **10Marks**
- c) What is Cytochrome P450, and what role does it play in drug metabolism? **10Marks**

2

- a) Briefly explain the effects of pregnancy on drug metabolism. **10Marks**
- b) Why is early identification and reporting of suspected adverse drug reactions important? **10Marks**

3

- a) Give a broad classifications of antiretroviral agents. **10Marks**
- b) Briefly discuss the mechanism of action of antiretroviral therapy (ART) **10Marks**