



NATIONAL OPEN UNIVERSITY OF NIGERIA
UNIVERSITY VILLAGE, NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF NURSING SCIENCES
2025_2 EXAMINATIONS

Programme: **BACHELOR OF NURSING SCIENCE (BNSc.)**

Course Code: **NSC307**

Course Title: **CLINICAL PHARMACOLOGY AND CHEMOTHERAPY**

Credit Units: **THREE (3)**

Time Allowed: **2 HOURS**

Total Marks: **70%**

Instruction: Answer All the Questions

1.
 - a. Give the WHO concept of Traditional Medicine. *(2 Marks)*
 - b. Mention five (5) differences between Traditional Medicine and Orthodox Medicine. *(3 Marks)*
 - c. Briefly discuss the approaches used to launch various drugs into the market. *(5 Marks)*

(Total = 10 Marks)

2.
 - a. Write a short note on the pharmacology of the eye. *(4 Marks)*
 - b. List the six (6) fundamental steps in chemical transmission. *(6 Marks)*
 - c. Write short notes on Preclinical Safety and Toxicity Testing. *(10 Marks)*

(Total = 20 Marks)

3.
 - a. Define diabetes mellitus. *(2 Marks)*
 - b. Explain the pathophysiology of diabetes mellitus. *(8 Marks)*
 - c. What are the essential metabolic functions of insulin? *(4 Marks)*
 - d. Explain the management of diabetes mellitus. *(6 Marks)*

(Total = 20 Marks)

4. Describe the Pharmacology of Chloramphenicol. *(20 Marks)*