



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

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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)*