



NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, Cadastral Zone, Nnamdi Azikwe Express Way, Jabi, Abuja, FCT
Faculty of Health Sciences
Department of Nursing Sciences
2024 1 EXAMINATION

Programme: Bachelor of Nursing Science

Course Code: NSC307

Course Title: Clinical Pharmacology and Chemotherapy

Course Credit Units: 3 Units

Time Allowed: 2 Hours

Total Score: 70 Marks

Instruction: Answer All the Questions

- 1) a. Briefly explain the various routes of drug administration (13 Marks)
b. State the WHO criteria for drug to be considered as essential (7 Marks)
- 2) a. Discuss the use of Diuretics in the treatment of congestive heart failure (5 Marks)
b. Evaluate the description and Mechanism of action of tetracycline (7 Marks)
c. Analyse the pathophysiology of diabetes (8 Marks)
- 3) a. Explain the mechanism of action of Vinblastine in the treatment of cancer (2 Marks)
b. Outline aetiology and diagnosis of Hypertension. (3 Marks)
c. Outline the drugs used in the treatment of malaria with their respective doses (5 Marks)
- 4) a. Explain briefly the processes that take place in the transmission of a neurotransmitter (3 Marks)
b. Appraise non-pharmacologic intervention in the treatment of hypertension (2 Marks)
c. Discuss the uses of garlic as an alternative/traditional medicine. (5 Marks)
- 5) a. Discuss the mechanism of action of Chloramphenicol in the treatment of infection (3 Marks)
b. State the clinical features of malaria (5 Marks)
c. Name two (2) categories of antifungal drugs and examples. (2 Marks)