



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS**  
**SCHOOL OF SCIENCE AND TECHNOLOGY**  
**JUNE/JULY EXAMINATION**

**COURSE CODE: NSS325**

**COURSE TITLE: CLINICAL PHARMACOLOGY AND  
CHEMOTHERAPY**

**TIME ALLOWED: 3 Hours**

**INSTRUCTION: Answer any five (5) of the following questions**

1. Explain the pathophysiology of Diabetes Mellitus  
(20mks)
2. State the aetiology and diagnosis of Hypertension  
(20mks)
3. What are the mechanisms of action and  
pharmacokinetics of Penicillin  
(20mks)
4. Identify the epidemiology and pathology of malaria  
(20mks)
5. Explain the Essential Drug Concept (20mks)
6. Identify the different dosage forms of drugs (20mks)
7. Explain the pathogenesis and clinical manifestation of  
Asthma (20mks)

