



NATIONAL OPEN UNIVERSITY OF NIGERIA

Plot 91, Cadastral Zone, NnamdiAzikiwe Expressway, University Village, Jabi-Abuja

2021_2 EXAMINATION

COURSE CODE: NSC 307

COURSE TITLE: CLINICAL PHARMACOLOGY AND CHEMOTHERAPY

INSTRUCTION: ANSWER ALL TIME: 2 HOURS

NSC 307: THEORY QUESTIONS

- 1a. Define drugs **(2marks)**
- 1b. State the different dosage forms **(6 marks)**
- 1c. highlight and discuss the WHO laid down criteria for a essential drug **(12 marks)**

- 2a. Discuss the factors affecting bioavailability **(10 marks)**
- 2b. Describe the metabolism that occurs with orally and Intravenous administered drugs **(10marks)**

3. Write short notes on the following
 - a. Drug discovery
 - b. Drug screening
 - c. Preclinical safety and Toxicity testing
 - d. Evaluation in Humans **(5 marks)**

- 4a. Define the term “diabetes” **(2 marks)**

4b. Describe the essential metabolic functions of insulin (8 marks).

