



**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**Plot 91, Cadastral Zone, Nnamdi Azikwe Express Way, Jabi, Abuja, FCT**

**Faculty of Health Sciences**

**Department of Nursing Sciences**

**April 2019 Examination**

**Course code: NSC307**

**Course Title: Clinical Pharmacology and Chemotherapy**

**Course Credit Units: 3 Units**

**Total Marks: 70 Marks**

**Time Allowed: 2 ½ Hours**

**Instruction: Answer All the Questions**

**Question 1**

- (a) Outline the WHO criteria for essential drugs. **(6 marks)**
- (b) Outline four (4) disadvantages of oral dosage of drugs. **(4 marks)**

**Question 2**

Discuss Proton pump Inhibitors under the following:

- (a) Indication **(1 mark)**
- (b) Mention four (4) oral preparations **(4 marks)**
- (c) State oral dosage of the four preparation **(4 marks)**
- (d) Mode of action **(3 marks)**
- (e) Side effects **(1 mark)**
- (f) Contraindications **(2 marks)**

**Question 3**

- (a) Outline the non-pharmacological management of hypertension. **(8 marks)**
- (b) Write notes on Chloramphenicol under the following headings:
  - (i) Indication **(2 marks)**
  - (ii) Mode of action **(5 marks)**

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|-------------------------|-----------|
| (iii) Dosage            | (3 marks) |
| (iv) Limitation for use | (2 marks) |
| (v) Side effect         | (5 marks) |

**Question 4**

Write notes on:

- |                       |           |
|-----------------------|-----------|
| (a) Alkylating Agents | (5 marks) |
| (b) Nitrosoureas      | (5 marks) |
| (c) Antimetabolites   | (5 marks) |
| (d) Plant alkaloids   | (5 marks) |