



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: NSS325

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:

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