



NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF HEALTH SCIENCES
JANUARY-MARCH 2018 EXAMINATION

COURSE CODE: PHS426
COURSE TITLE: **ESSENTIAL DRUGS AND PUBLIC HEALTH PHARMACOLOGY**
COURSE UNITS: 3
TIME ALLOWED: 2 Hours
TOTAL MARKS: 70
INSTRUCTION: **ANSWER ALL THE QUESTIONS**

1. (a) Write short notes on the following suppliers of essential drugs:
 - (i) Primary suppliers
 - (ii) Secondary suppliers
 - (iii) Tertiary suppliers. 9 marks
 (b) Discuss four (4) sources from which drugs can be derived. 8 marks
 (c) Discuss the rationale for the establishment of Pharmacovigilance Units. 3 marks

2. (a) The Drug Revolving Fund Scheme is a very effective strategy for ensuring uninterrupted drug supply in the healthcare delivery system
 - (i) List the five (5) factors militating against its success. 5 marks
 - (ii) List the four (4) different ways that the scheme can be strengthened at all levels of government. 4 marks
 (b) Write short notes on the following:
 - (i) Rational drug use. 6 marks
 - (ii) Rational prescribing of drugs. 5 marks

3. (a) Enumerate the two (2) major considerations taken when determining the route of drug administration. 2 marks
 (b) List the various types of procurement by value done during the process of procurement of drugs. 8 marks

4. Which drugs from the Essential Drugs List will you use to treat the following medical conditions?
 - (i) A patient who is convulsing. 3 marks
 - (ii) A patient having allergic reactions. 3 marks
 - (iii) A patient who is to be de-wormed. 3 marks
 - (iv) A patient with leprosy. 5 marks
 - (v) A person having itchy eyes and discharge. 2 marks
 - (vi) A patient diagnosed of Chicken pox. 3 marks
 - (vii) A pregnant woman in third stage of labour. 1 mark